

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016995.D
 Acq On : 26 Jun 2020 19:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:46 PM

Quant Time: Jun 27 05:29:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	266767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	451093	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	426676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	187026	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
35) Dibromofluoromethane	5.47	113	148225	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.70	98	547470	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.12	95	213826	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	150499	59.195	ug/l	100
3) Chloromethane	1.31	50	175180	53.600	ug/l	97
4) Vinyl Chloride	1.39	62	164485	49.138	ug/l	100
5) Bromomethane	1.62	94	82854	35.389	ug/l	97
6) Chloroethane	1.71	64	99261	43.692	ug/l	96
7) Trichlorofluoromethane	1.92	101	233757	42.809	ug/l	96
8) Diethyl Ether	2.17	74	87157	41.436	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	142972	48.916	ug/l	97
10) Methyl Iodide	2.49	142	159023	43.754	ug/l	99
11) Tert butyl alcohol	3.01	59	179614	236.166	ug/l	100
12) 1,1-Dichloroethene	2.36	96	145217	49.111	ug/l	93
13) Acrolein	2.27	56	150245	266.533	ug/l	97
14) Allyl chloride	2.71	41	272757	49.542	ug/l	93
15) Acrylonitrile	3.12	53	432944	245.179	ug/l	99
16) Acetone	2.42	43	362668	230.306	ug/l	96
17) Carbon Disulfide	2.55	76	433691	46.255	ug/l	99
18) Methyl Acetate	2.75	43	185949	48.538	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	497679	48.154	ug/l	100
20) Methylene Chloride	2.84	84	165316	46.182	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	160290	47.979	ug/l	96
22) Diisopropyl ether	3.82	45	531336	49.227	ug/l	99
23) Vinyl Acetate	3.79	43	2338429	247.549	ug/l	99
24) 1,1-Dichloroethane	3.67	63	288987	47.730	ug/l	99
25) 2-Butanone	4.64	43	601957	250.813	ug/l	100
26) 2,2-Dichloropropane	4.56	77	204971	41.851	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	183989	49.838	ug/l	94
28) Bromochloromethane	4.98	49	127433	45.041	ug/l	97
29) Tetrahydrofuran	5.09	42	401645	254.569	ug/l	99
30) Chloroform	5.18	83	297757	48.966	ug/l	98
31) Cyclohexane	5.55	56	252733	49.969	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	266703	48.957	ug/l	98
36) 1,1-Dichloropropene	5.77	75	219791	49.208	ug/l	99
37) Ethyl Acetate	4.80	43	242867	50.595	ug/l	99
38) Carbon Tetrachloride	5.76	117	239743	50.716	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	245537	50.800	ug/l	99
40) Benzene	6.11	78	647074	50.305	ug/l	99
41) Methacrylonitrile	5.00	41	132301	49.461	ug/l	98
42) 1,2-Dichloroethane	6.16	62	241590	47.804	ug/l	99
43) Isopropyl Acetate	6.42	43	385976	47.797	ug/l	98
44) Trichloroethene	7.19	130	214368	62.605	ug/l	92
45) 1,2-Dichloropropane	7.49	63	166903	48.536	ug/l	99
46) Dibromomethane	7.64	93	114632	49.070	ug/l	97
47) Bromodichloromethane	7.88	83	238588	48.829	ug/l	97
48) Methyl methacrylate	7.74	41	193441	51.298	ug/l	96
49) 1,4-Dioxane	7.71	88	82051	1046.058	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1202930	260.280	ug/l	100
52) Toluene	8.76	92	400043	50.459	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	254939	48.723	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	274380	49.883	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	164678	50.551	ug/l	98
56) Ethyl methacrylate	9.16	69	251414	51.495	ug/l	95
57) 1,3-Dichloropropane	9.35	76	278521	49.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	651678	258.354	ug/l	97
59) 2-Hexanone	9.47	43	897822	258.232	ug/l	99
60) Dibromochloromethane	9.57	129	188503	50.761	ug/l	98
61) 1,2-Dibromoethane	9.65	107	173929	50.005	ug/l	98
64) Tetrachloroethene	9.32	164	154066	53.342	ug/l	98
65) Chlorobenzene	10.12	112	437102	50.095	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	166695	51.405	ug/l	99
67) Ethyl Benzene	10.24	91	767898	50.134	ug/l	96
68) m/p-Xylenes	10.34	106	587637	103.268	ug/l	98
69) o-Xylene	10.68	106	278473	51.295	ug/l	97
70) Styrene	10.70	104	483230	52.253	ug/l	99
71) Bromoform	10.84	173	138724	53.803	ug/l	# 99
73) Isopropylbenzene	11.00	105	753879	49.579	ug/l	99
74) N-amyl acetate	10.88	43	343154	47.856	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	238087	46.528	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	229264m	49.467	ug/l	
77) Bromobenzene	11.24	156	191723	48.632	ug/l	95
78) n-propylbenzene	11.34	91	867259	48.323	ug/l	99
79) 2-Chlorotoluene	11.40	91	523825	48.537	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	636959	50.399	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	81298	44.535	ug/l	97
82) 4-Chlorotoluene	11.49	91	620661	48.863	ug/l	100
83) tert-Butylbenzene	11.76	119	612982	49.799	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	654649	51.209	ug/l	100
85) sec-Butylbenzene	11.93	105	721527	50.275	ug/l	100
86) p-Isopropyltoluene	12.05	119	657763	50.162	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	346917	49.028	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	347483	48.104	ug/l	98
89) n-Butylbenzene	12.37	91	587242	47.578	ug/l	99
90) Hexachloroethane	12.58	117	133036	48.940	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	332018	49.493	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55109	47.065	ug/l	95

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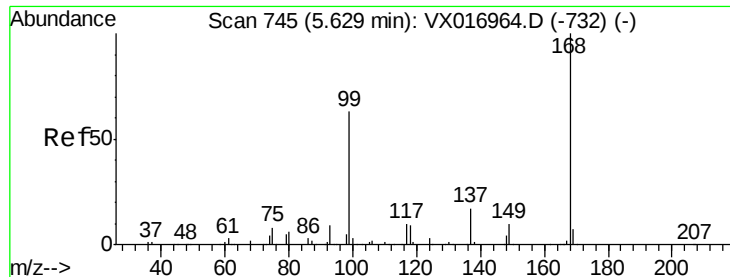
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	211601	48.407	ug/l	98
94) Hexachlorobutadiene	13.76	225	72119	45.921	ug/l	92
95) Naphthalene	13.82	128	737192	51.318	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	210638	50.244	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 266767

Ion Ratio Lower Upper

168 100

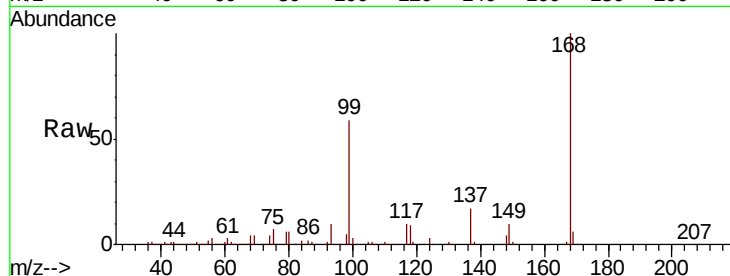
99 58.9 50.2 75.2

Manual Integrations

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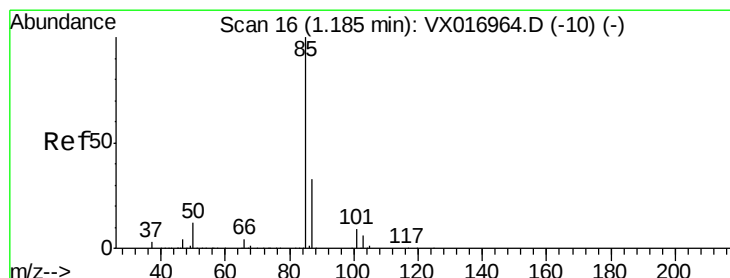
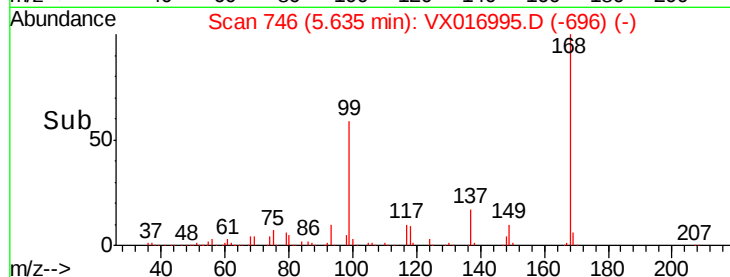
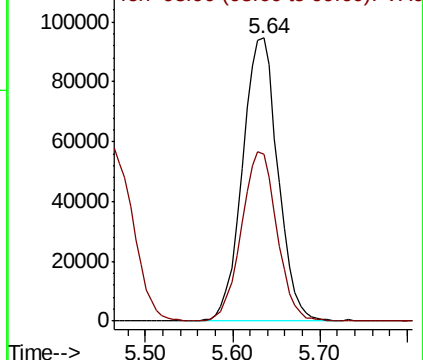
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 59.195 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016995.D

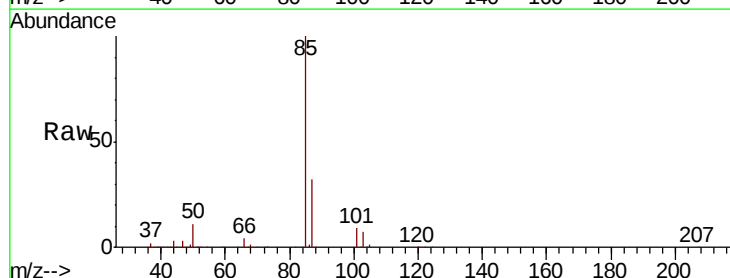
Acq: 26 Jun 2020 19:39

Tgt Ion: 85 Resp: 150499

Ion Ratio Lower Upper

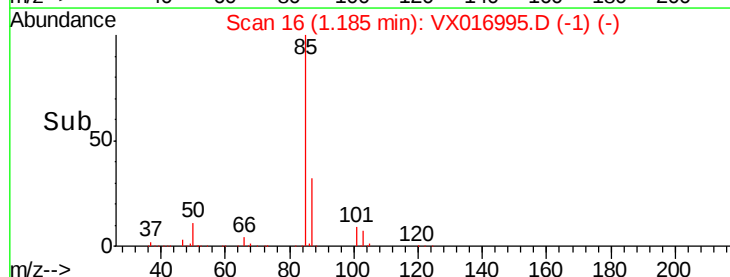
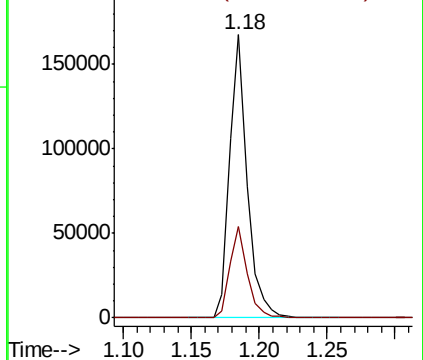
85 100

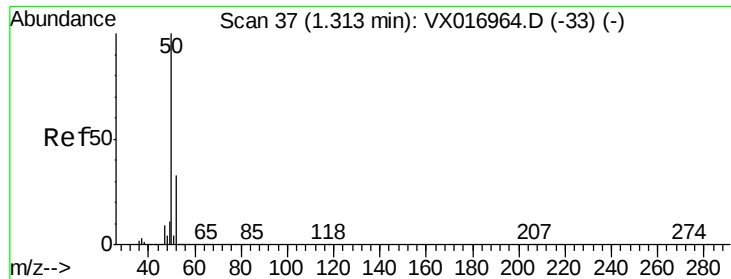
87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.600 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 175180

Ion Ratio Lower Upper

50 100

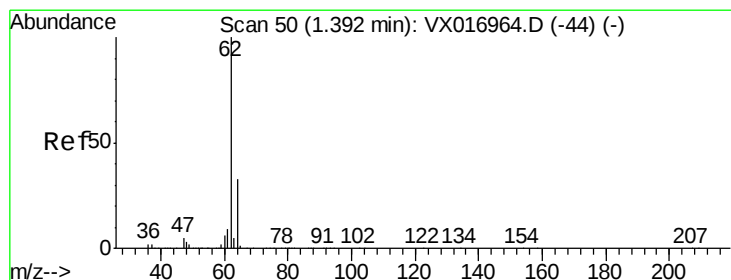
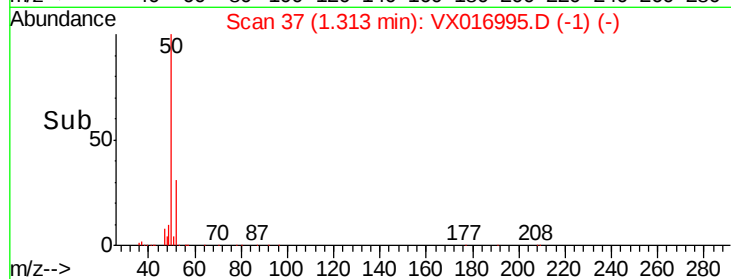
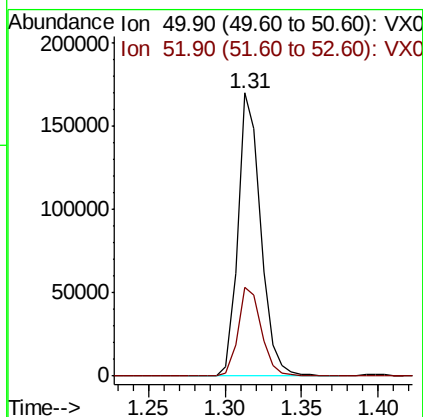
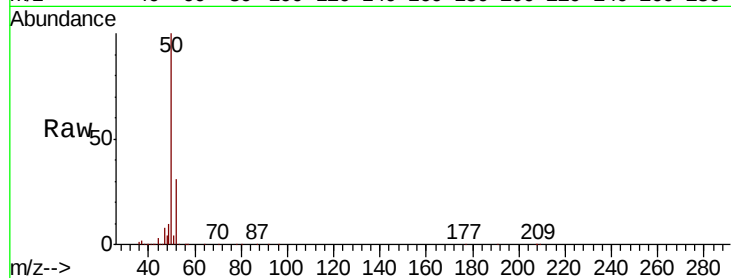
52 31.3 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.138 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016995.D

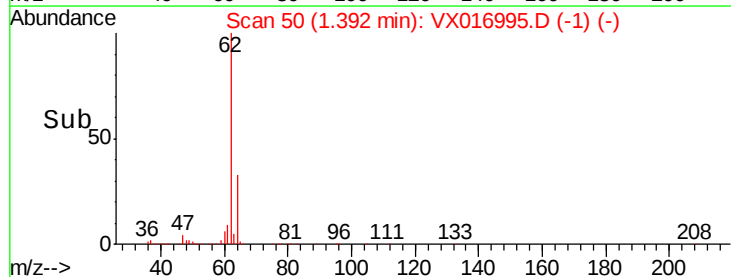
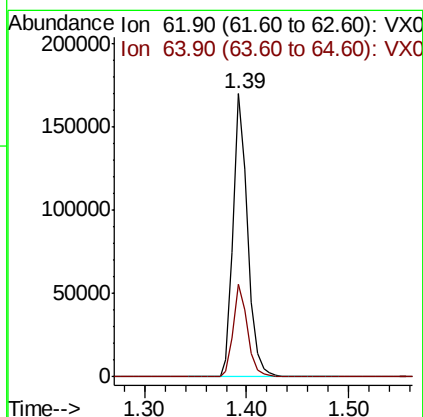
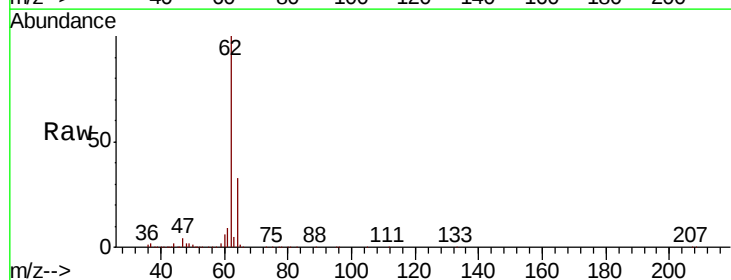
Acq: 26 Jun 2020 19:39

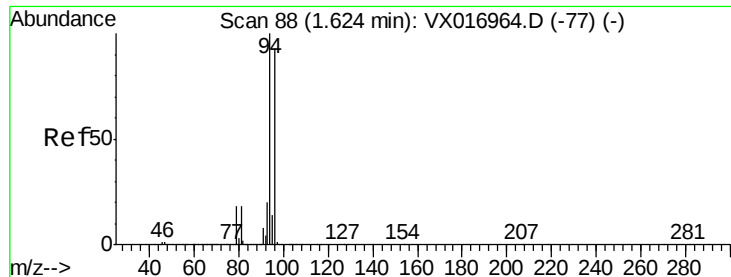
Tgt Ion: 62 Resp: 164485

Ion Ratio Lower Upper

62 100

64 32.8 26.3 39.5





#5

Bromomethane

Concen: 35.389 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 82854

Ion Ratio Lower Upper

94 100

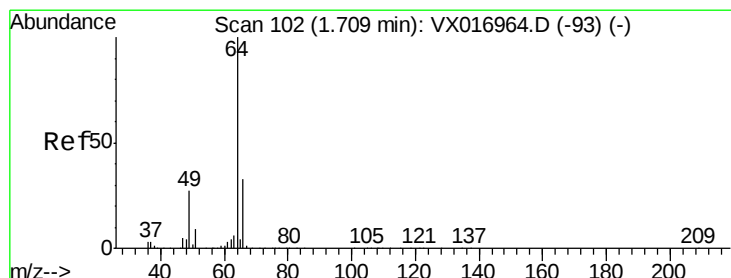
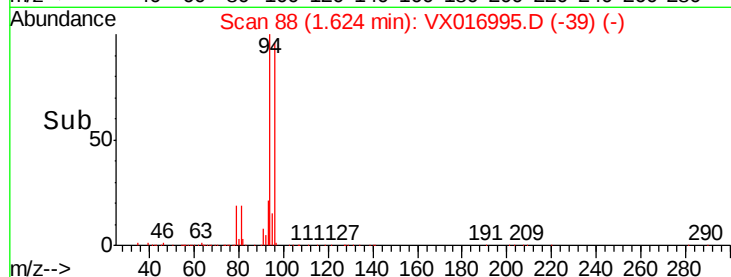
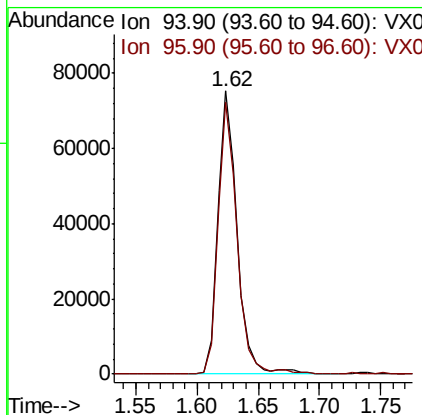
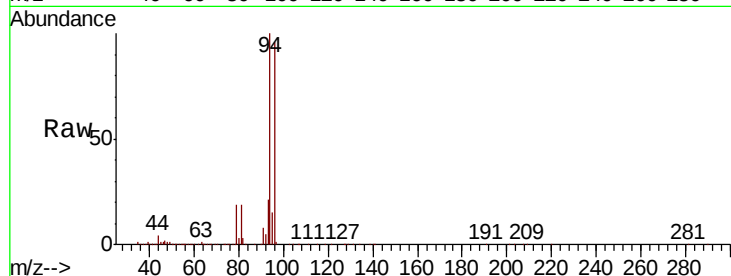
96 95.8 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 43.692 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016995.D

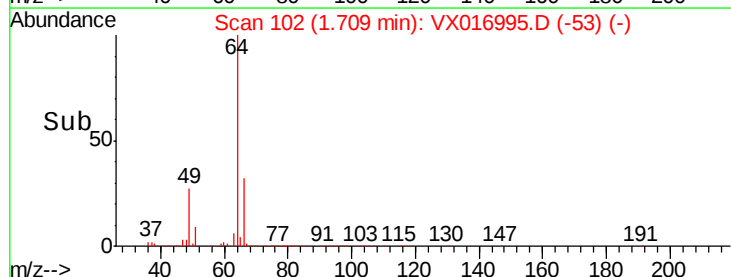
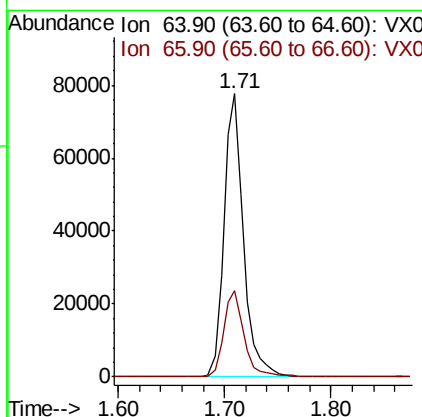
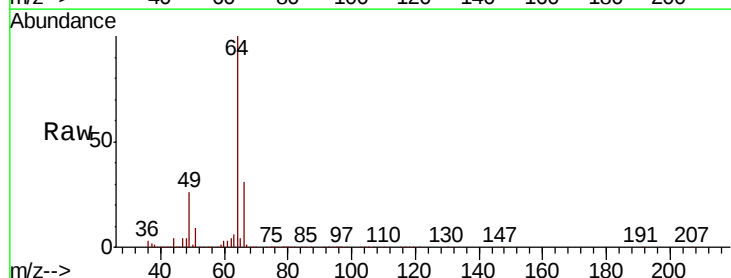
Acq: 26 Jun 2020 19:39

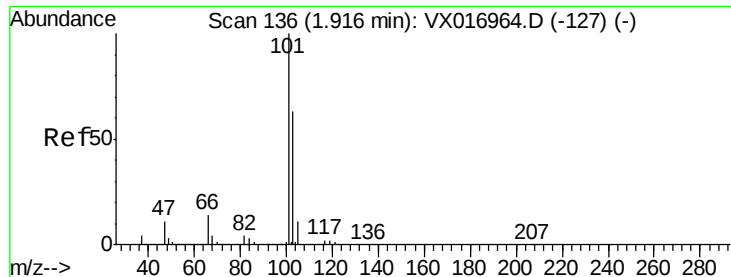
Tgt Ion: 64 Resp: 99261

Ion Ratio Lower Upper

64 100

66 30.5 26.2 39.2





#7

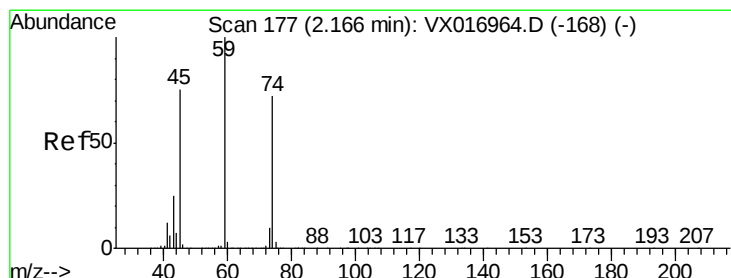
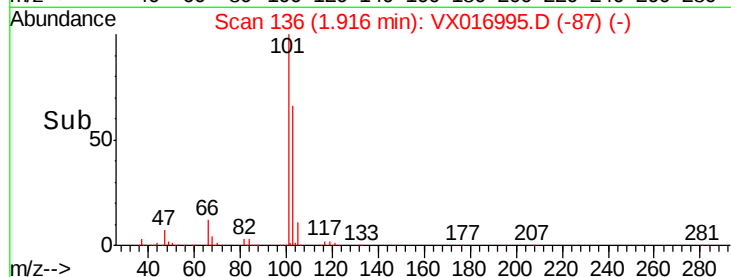
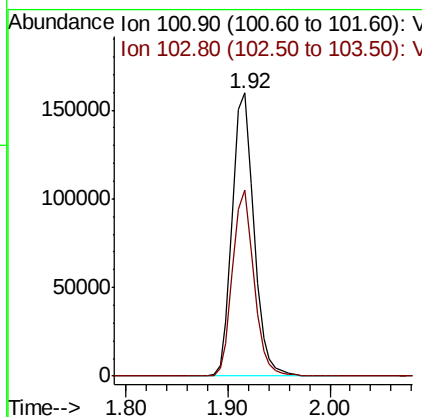
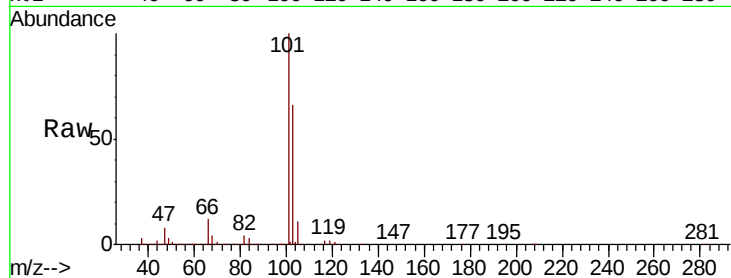
Trichlorofluoromethane
Concen: 42.809 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	50.2	75.4

Manual Integrations
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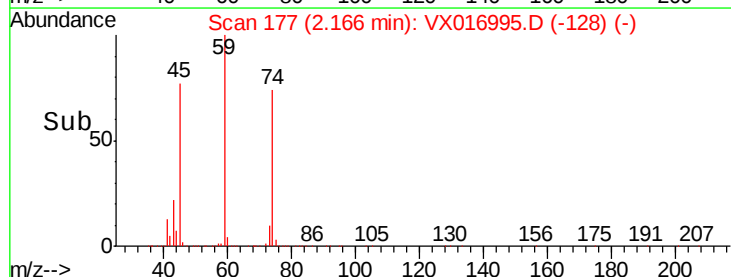
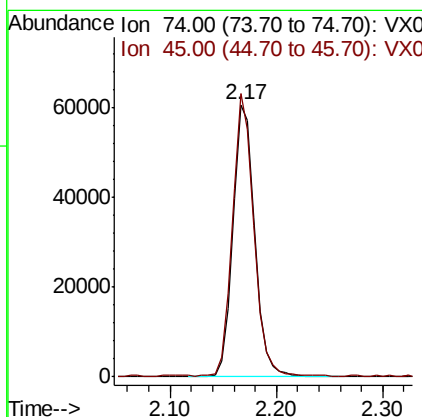
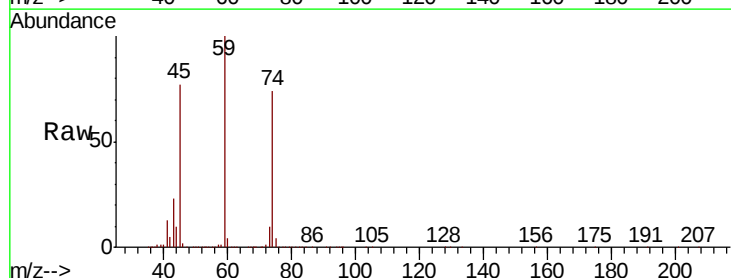
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6/29/2020 12:32:46 PM

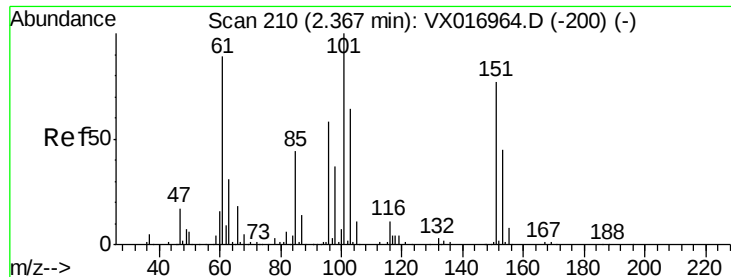


#8

Diethyl Ether
Concen: 41.436 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.0	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.916 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

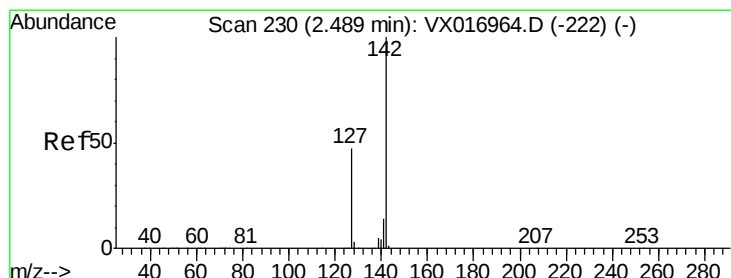
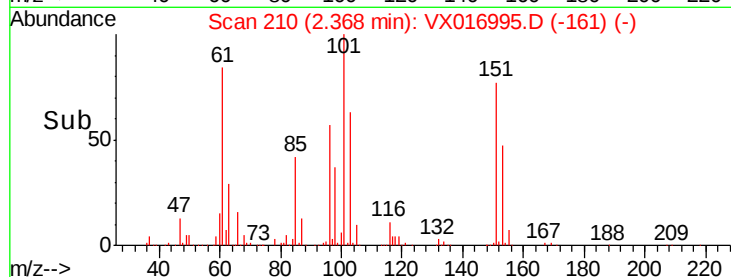
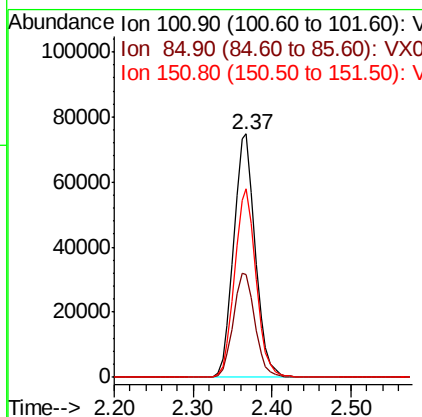
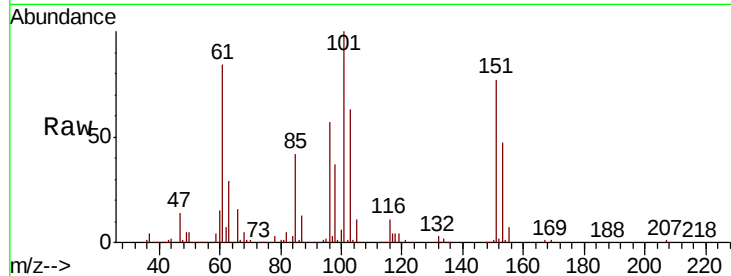
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	142972
Ion Ratio	Lower	Upper	
101	100		
85	42.9	36.8	55.2
151	76.7	59.8	89.6

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#10

Methyl Iodide

Concen: 43.754 ug/l

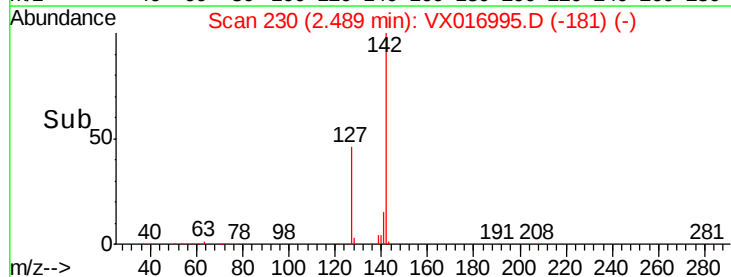
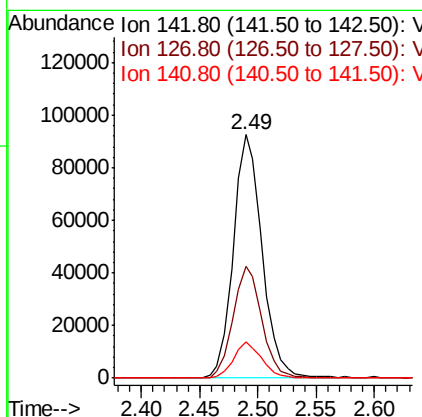
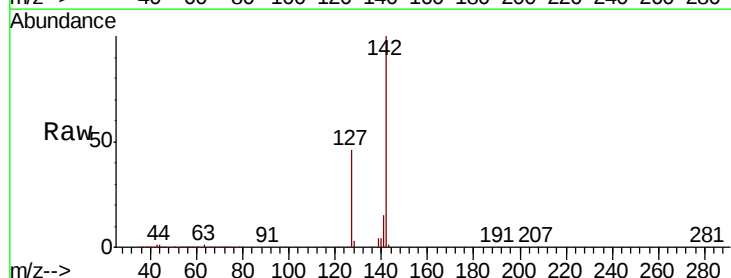
RT: 2.49 min Scan# 230

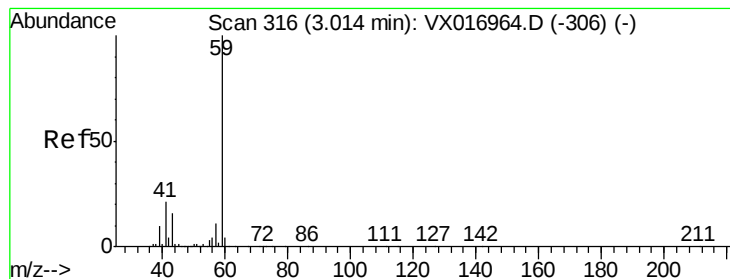
Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Tgt Ion:	142	Resp:	159023
Ion Ratio	Lower	Upper	
142	100		
127	46.1	37.4	56.0
141	14.4	11.7	17.5





#11

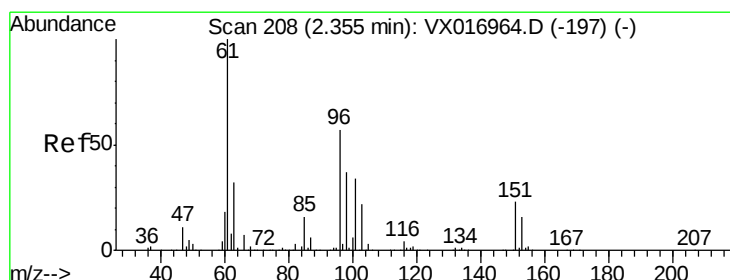
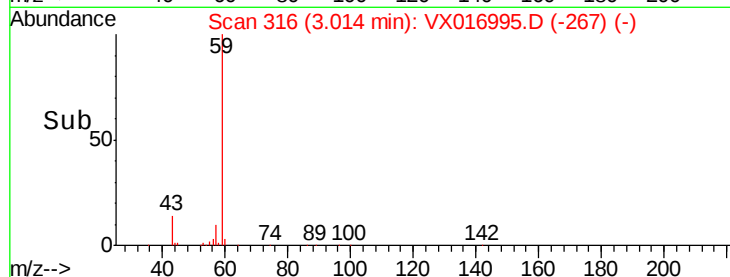
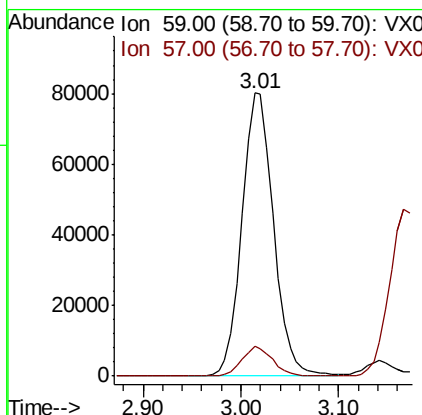
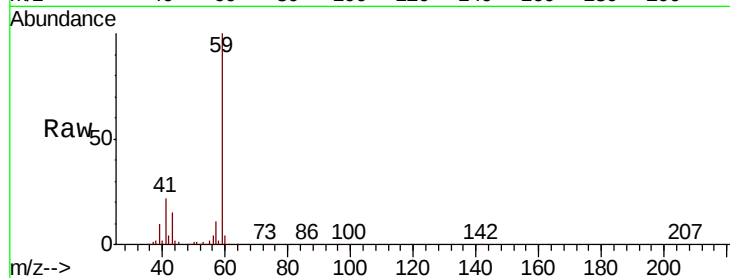
Tert butyl alcohol
Concen: 236.166 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

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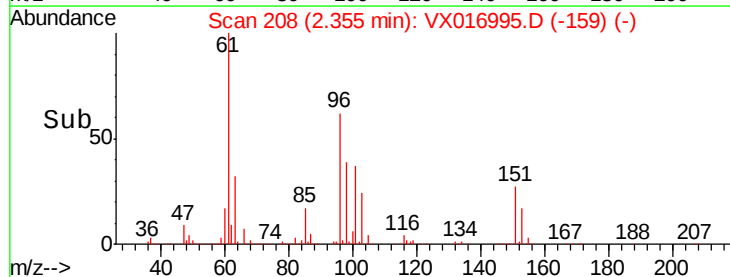
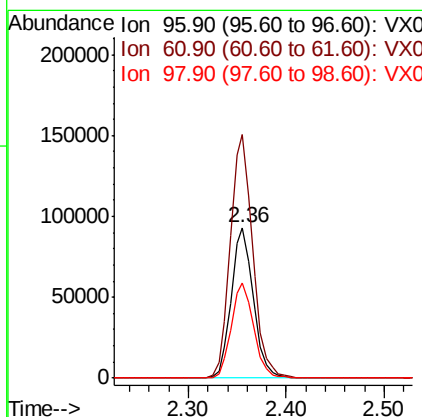
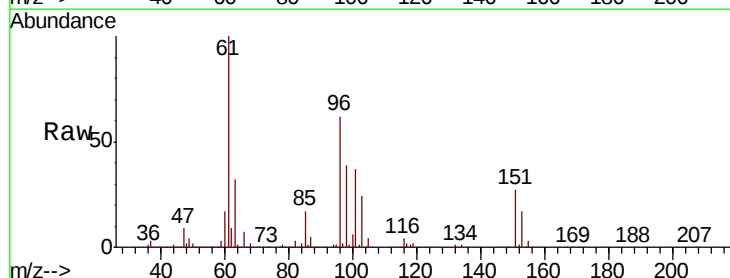
MMDadoda
6/29/2020 12:32:46 PM

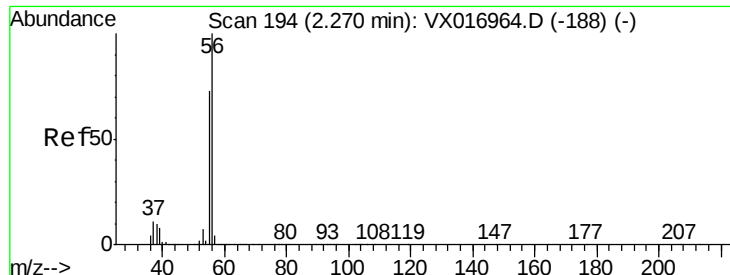


#12

1,1-Dichloroethene
Concen: 49.111 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.1	139.7	209.5
98	63.7	51.0	76.6





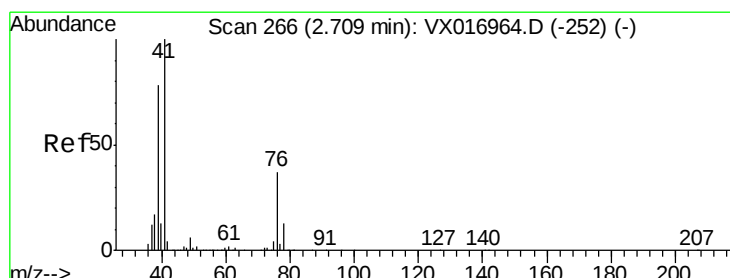
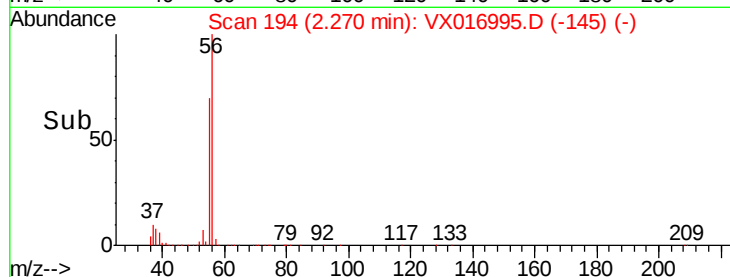
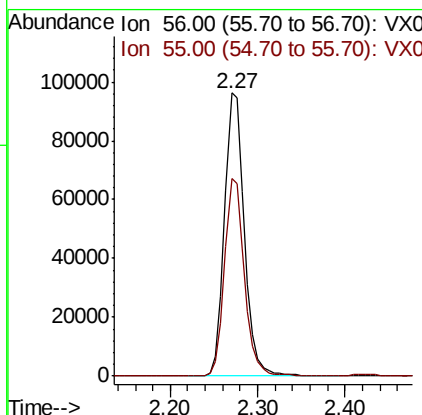
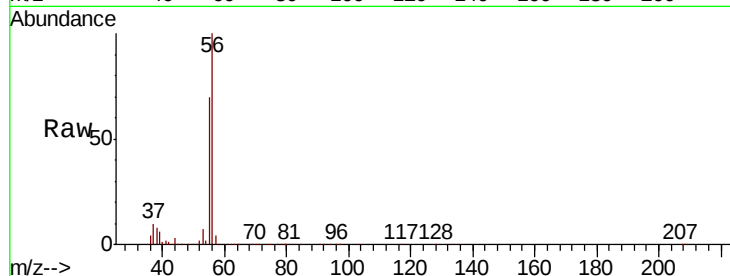
#13
Acrolein
Concen: 266.533 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.4	57.5	86.3

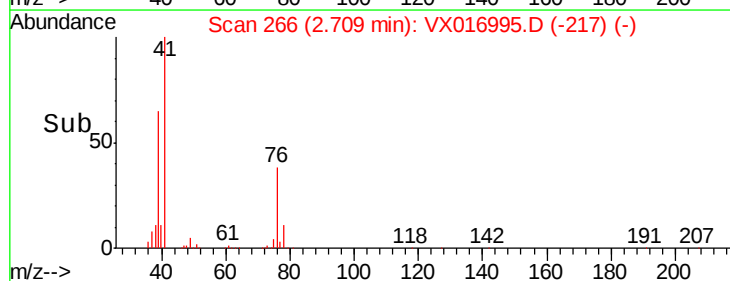
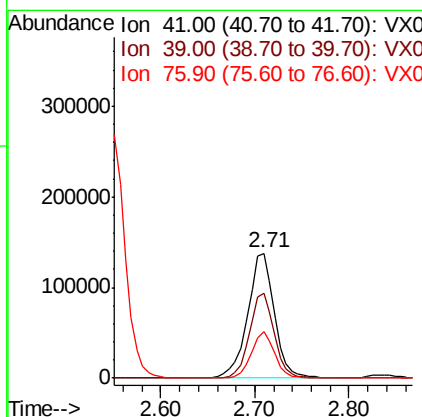
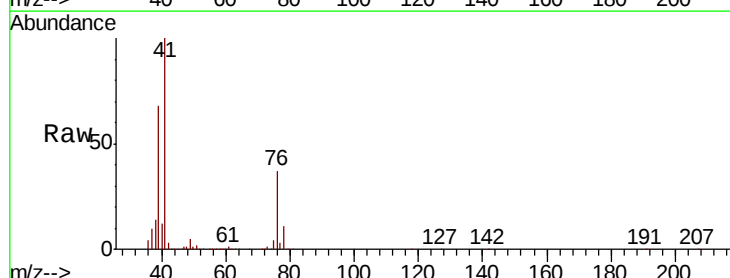
Manual Integrations
APPROVED

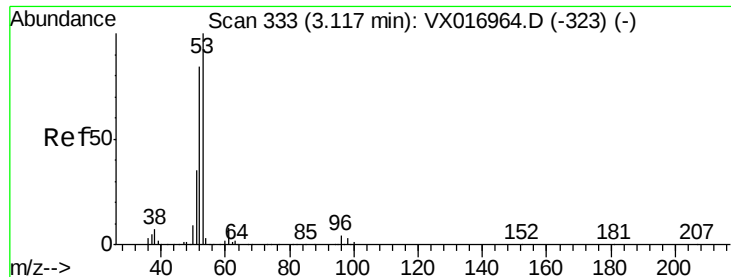
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#14
Allyl chloride
Concen: 49.542 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.6	56.4	84.6
76	32.0	26.5	39.7





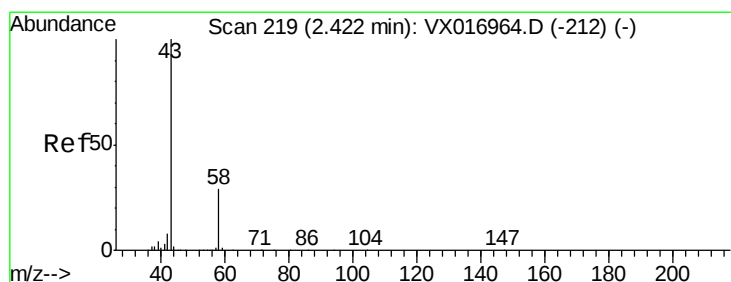
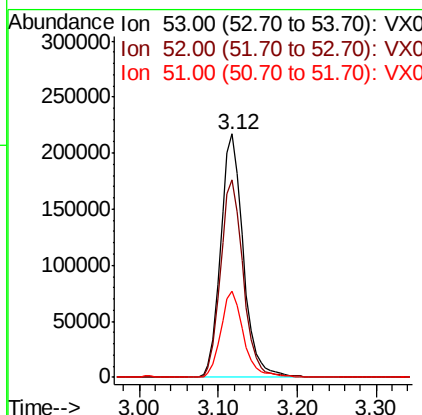
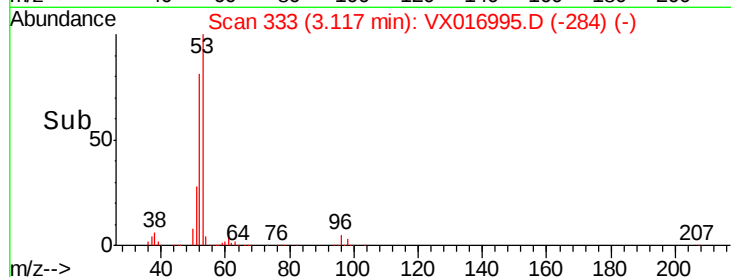
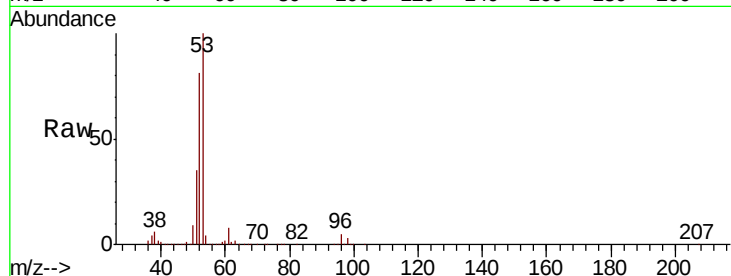
#15
 Acrylonitrile
 Concen: 245.179 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.3	99.5
51	35.8	29.0	43.6

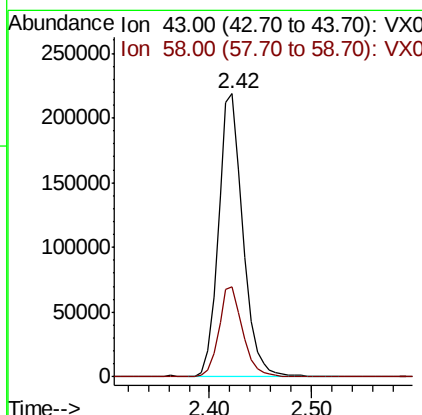
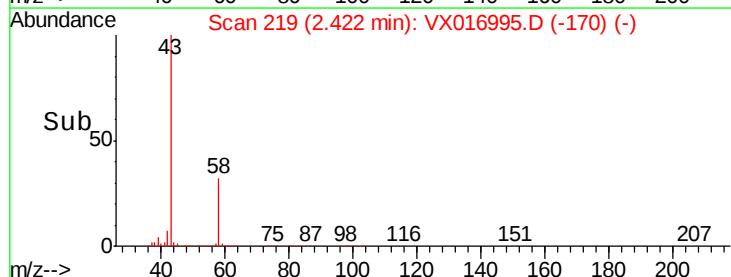
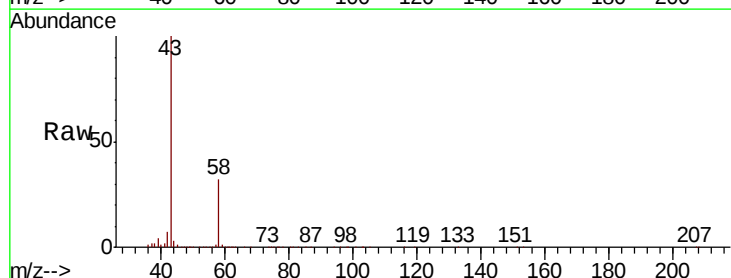
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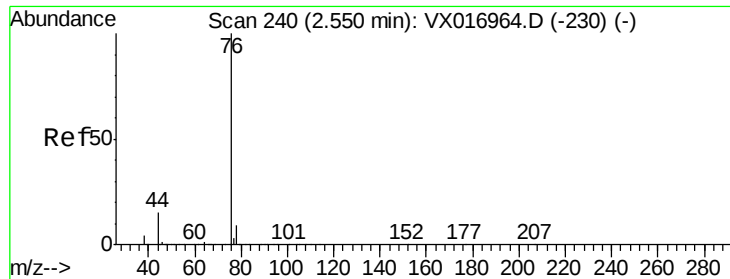
MMDadoda
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#16
 Acetone
 Concen: 230.306 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.8	23.5	35.3





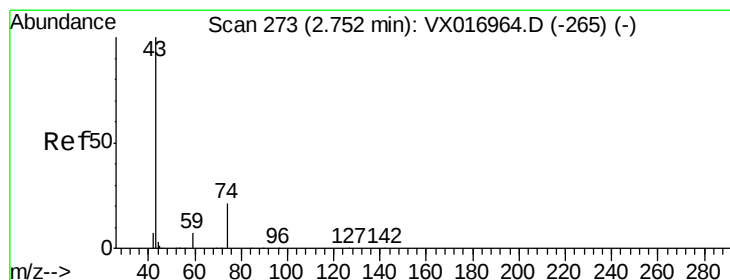
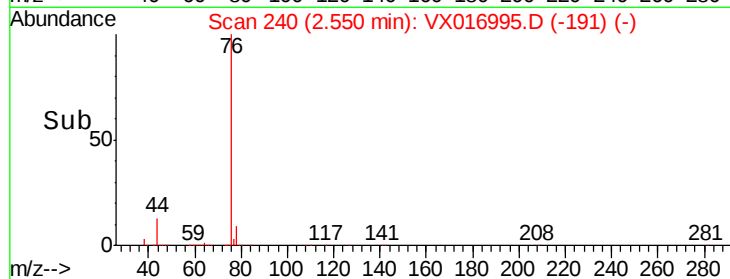
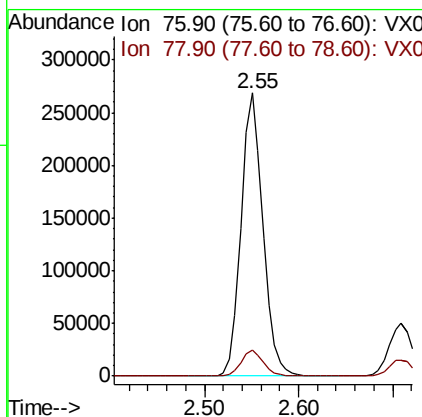
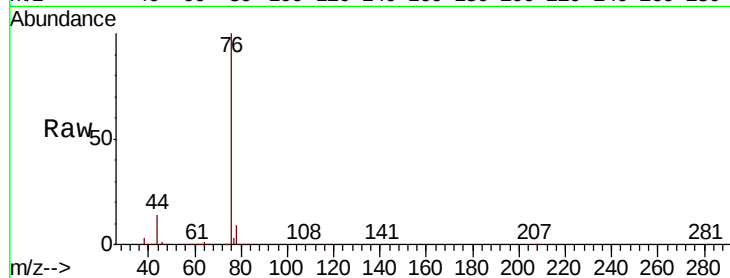
#17
Carbon Disulfide
Concen: 46.255 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.4

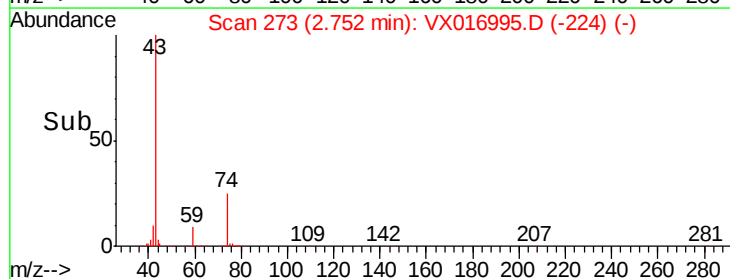
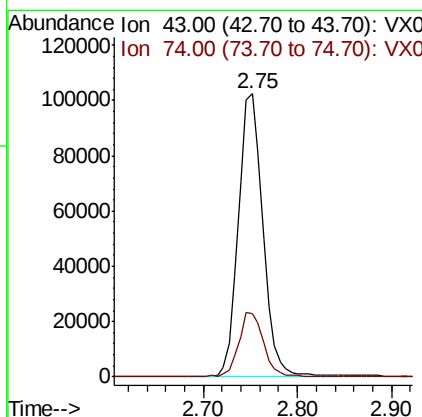
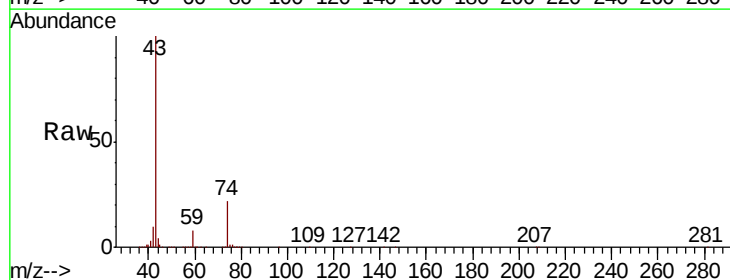
Manual Integrations
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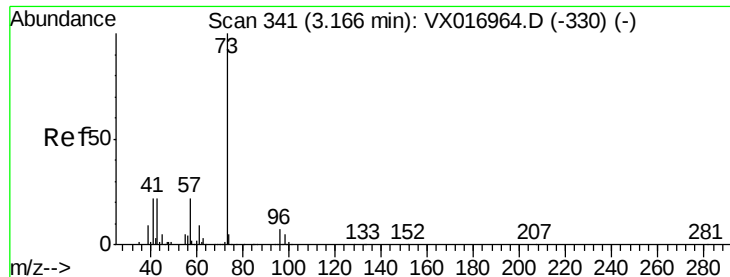
MMDadoda
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#18
Methyl Acetate
Concen: 48.538 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.3	27.5





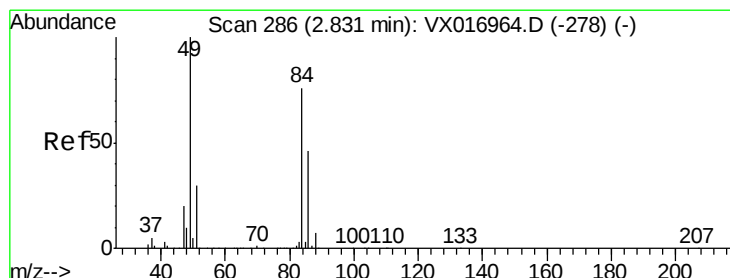
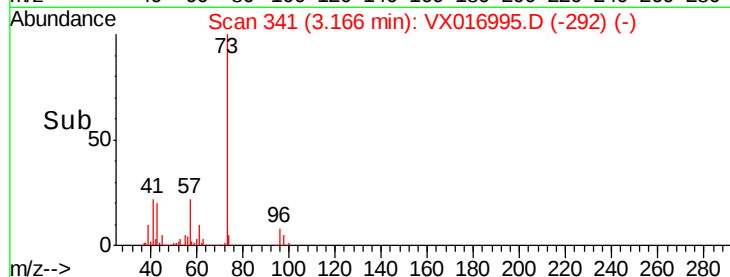
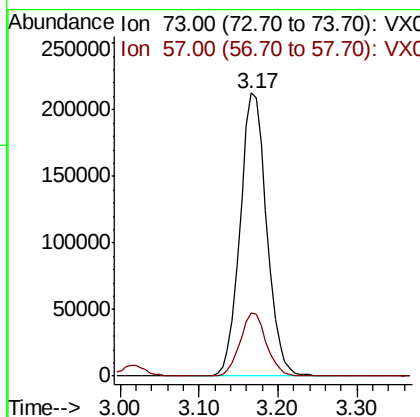
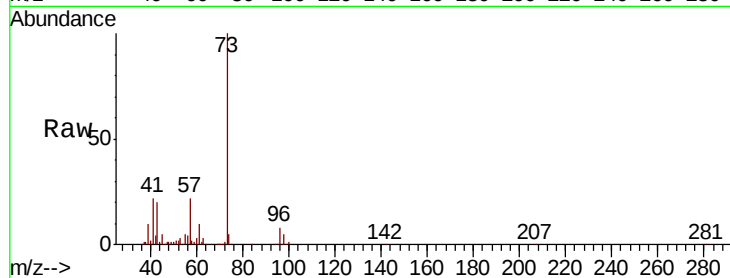
#19
Methvl tert-butvl Ether
Concen: 48.154 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.8	26.8

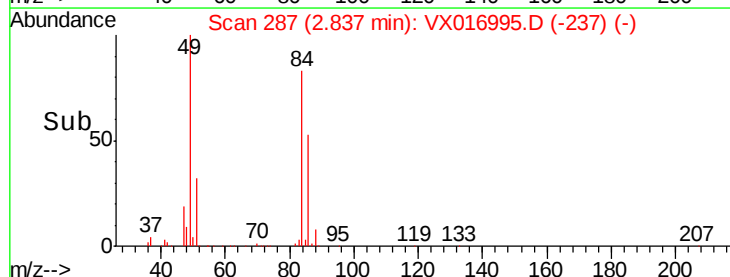
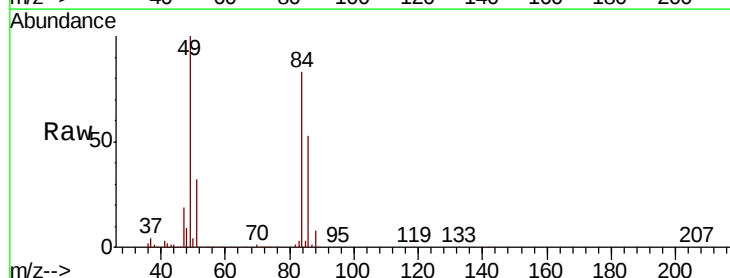
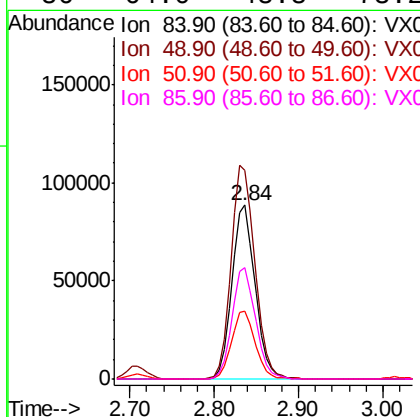
Manual Integrations
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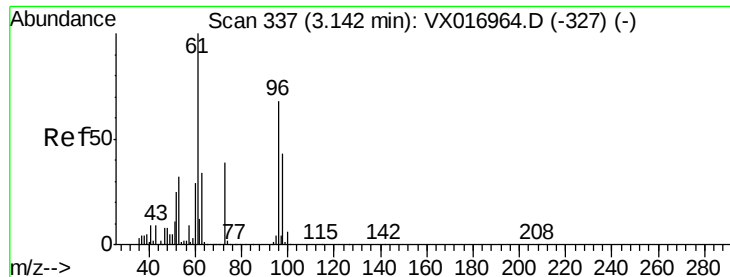
MMDadoda
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#20
Methylene Chloride
Concen: 46.182 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	105.6	158.4
51	38.9	31.2	46.8
86	64.0	48.8	73.2





#21

trans-1,2-Dichloroethene

Concen: 47.979 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

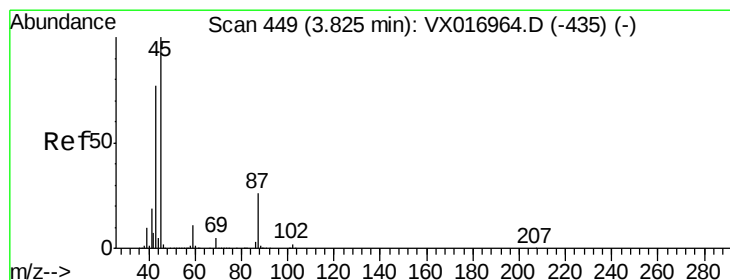
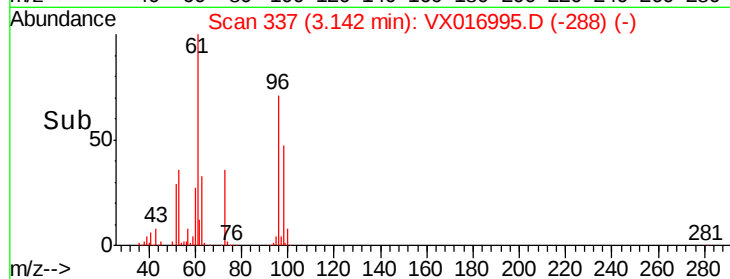
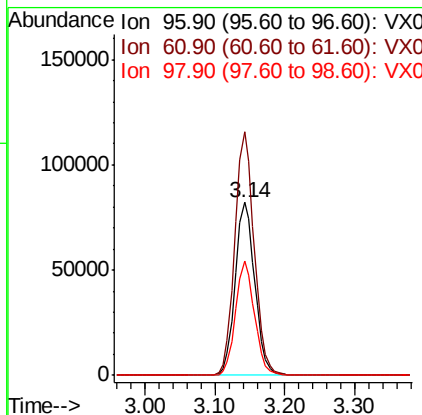
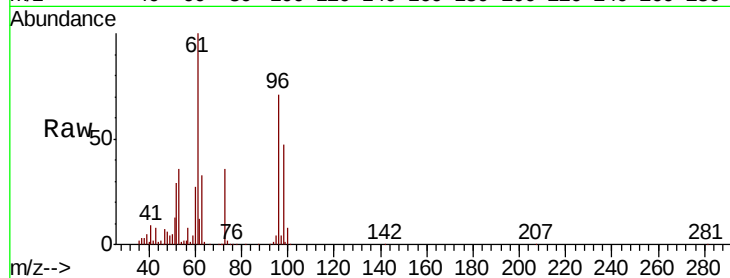
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	160290
Ion	Ratio	Lower	Upper
96	100		
61	140.7	116.7	175.1
98	65.9	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.227 ug/l

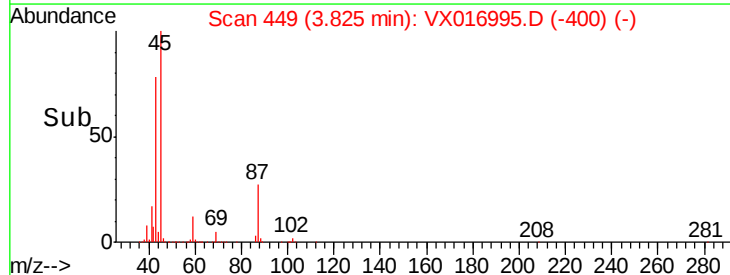
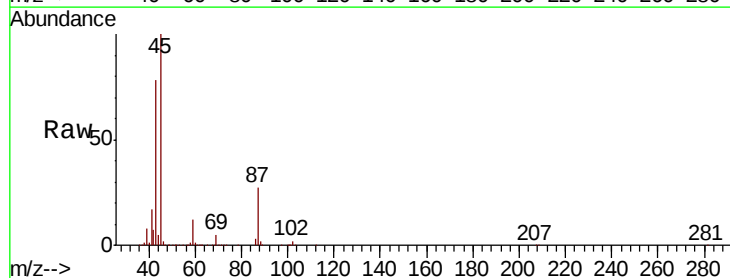
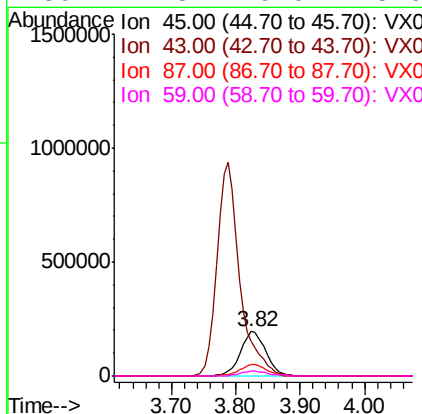
RT: 3.82 min Scan# 449

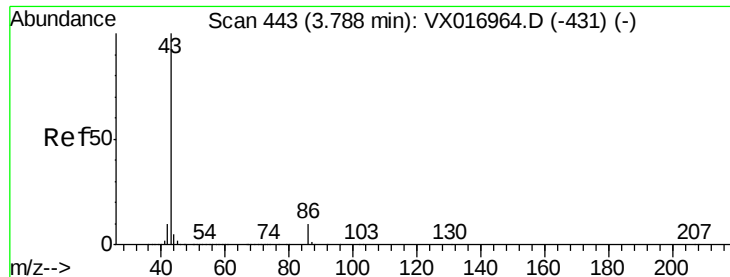
Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Tgt Ion:	45	Resp:	531336
Ion	Ratio	Lower	Upper
45	100		
43	77.7	62.7	94.1
87	27.0	21.0	31.4
59	11.8	9.0	13.6





#23

Vinyl Acetate

Concen: 247.549 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2338429

Ion Ratio Lower Upper

43 100

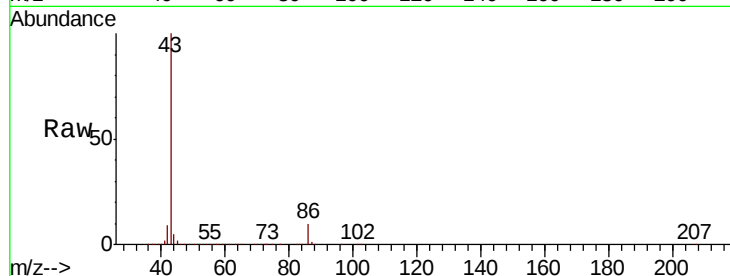
86 10.5 8.2 12.2

Manual Integrations

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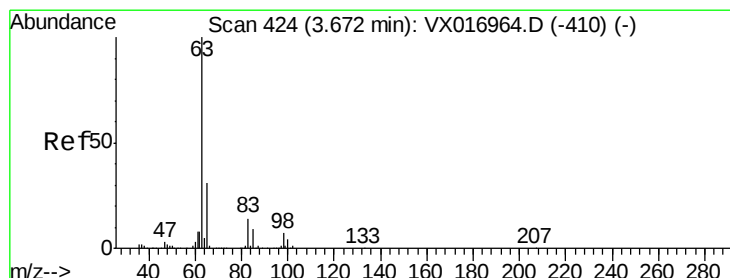
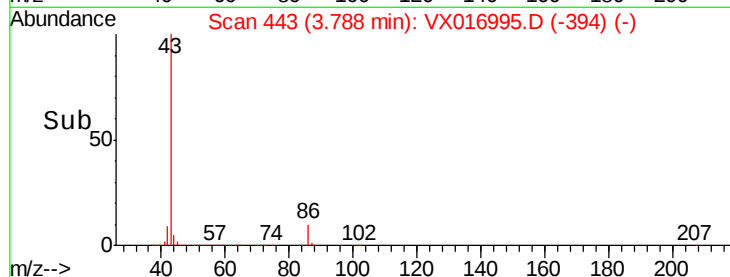
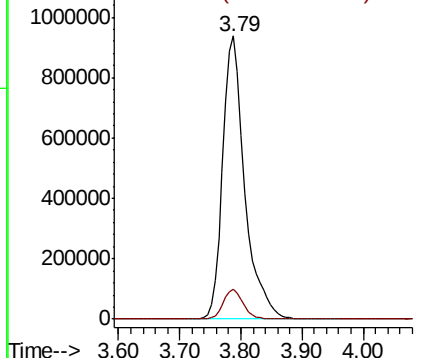
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.730 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

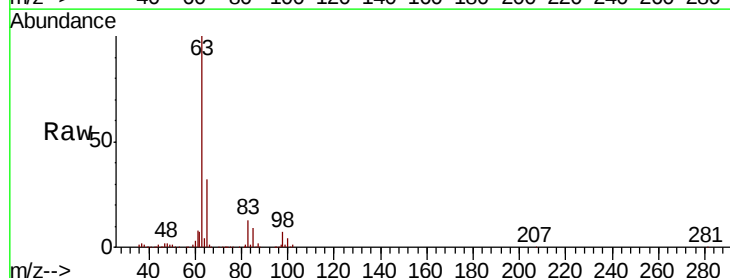
Tgt Ion: 63 Resp: 288987

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

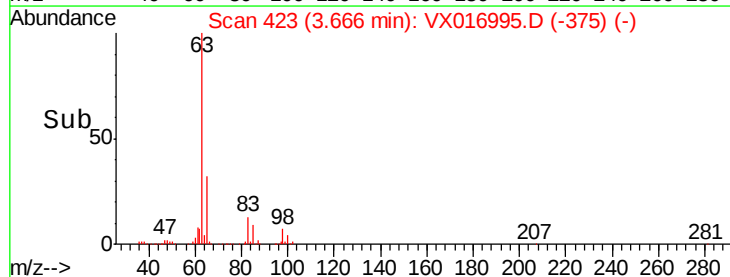
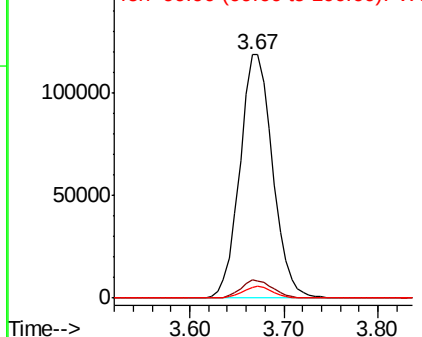
100 4.4 2.1 6.3

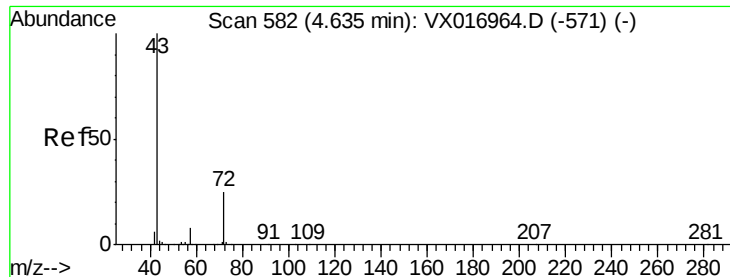


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





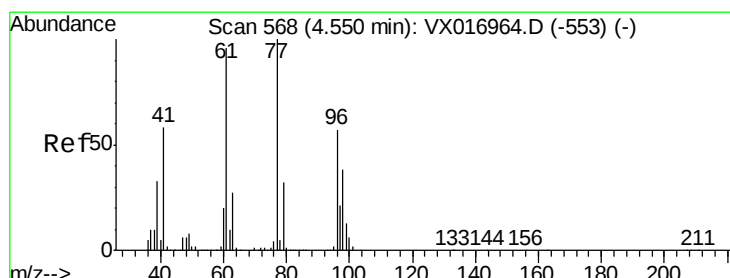
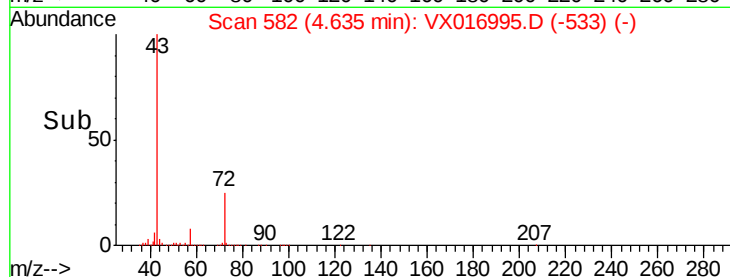
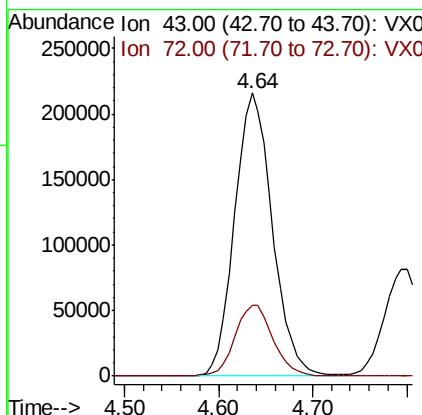
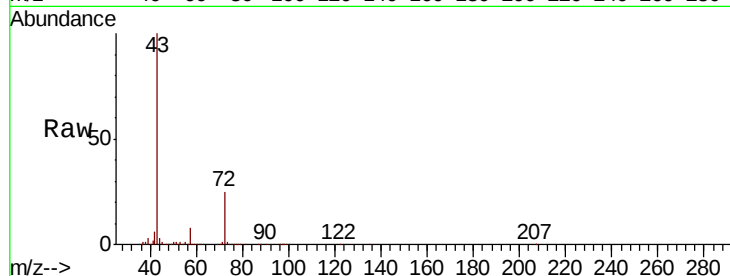
#25
2-Butanone
Concen: 250.813 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	601957
Ion Ratio	100	Lower	Upper
72	25.0	20.0	30.0

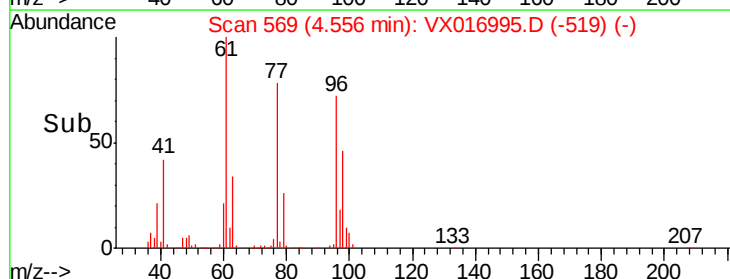
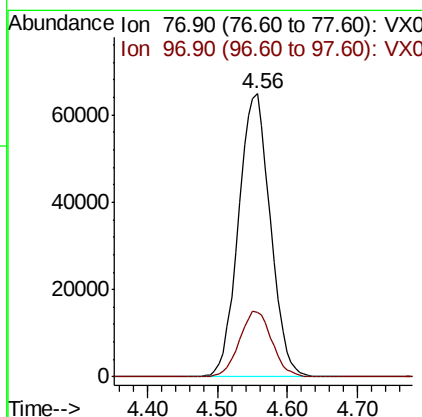
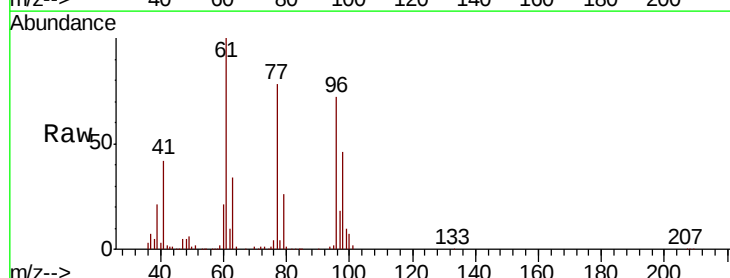
Manual Integrations
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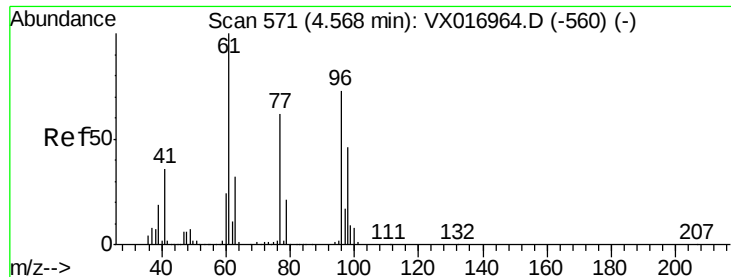
MMDadoda
6/29/2020 12:32:46 PM



#26
2,2-Dichloropropane
Concen: 41.851 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	77	Resp	204971
Ion Ratio	100	Lower	Upper
97	23.7	11.2	33.5





#27

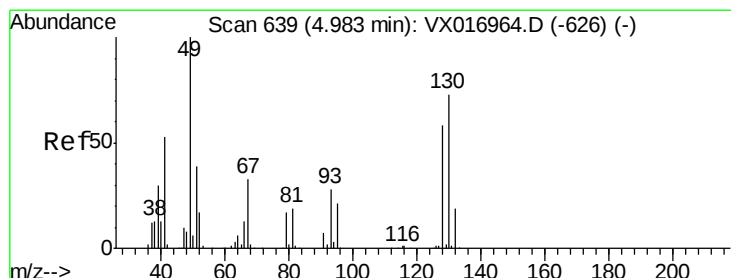
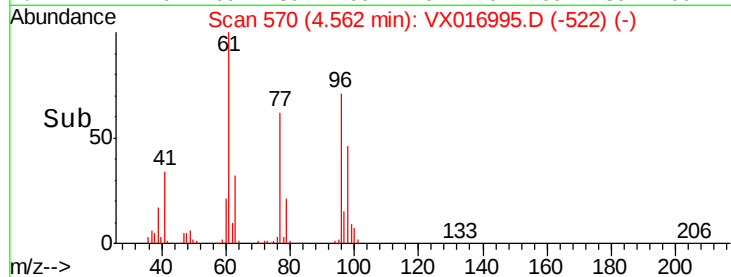
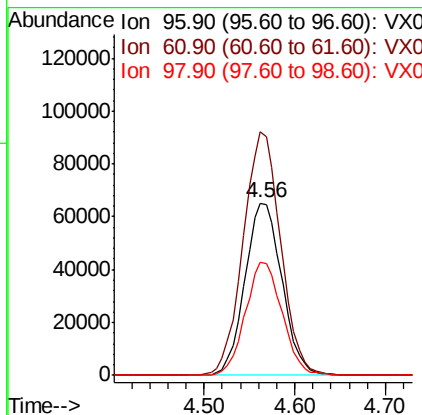
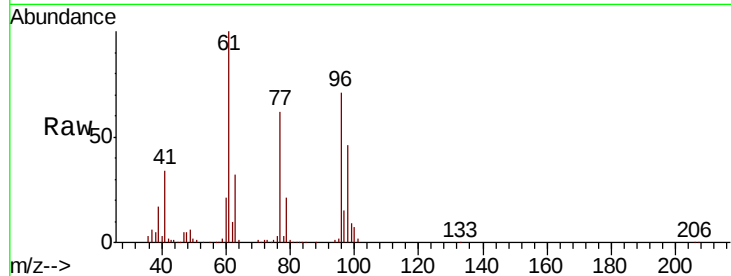
cis-1,2-Dichloroethene
Concen: 49.838 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	183989		
61	143.4	0.0	307.2	
98	65.3	0.0	128.4	

Manual Integrations
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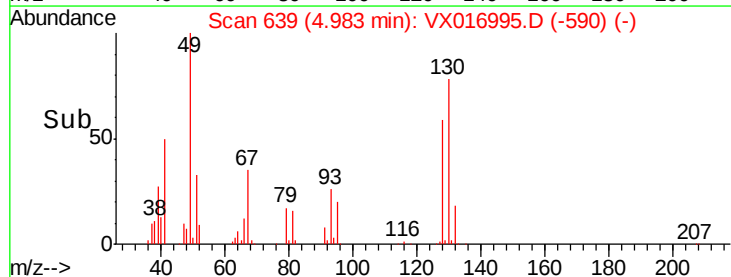
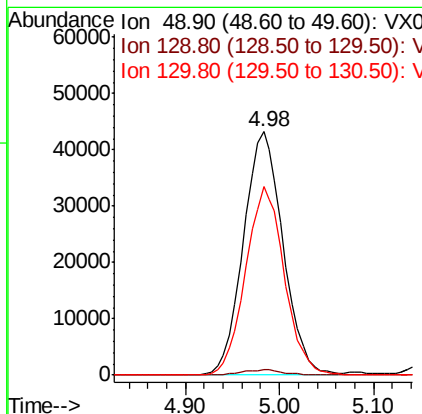
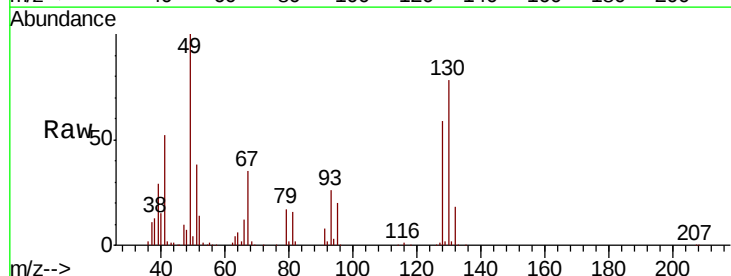
MMDadoda
6/29/2020 12:32:46 PM

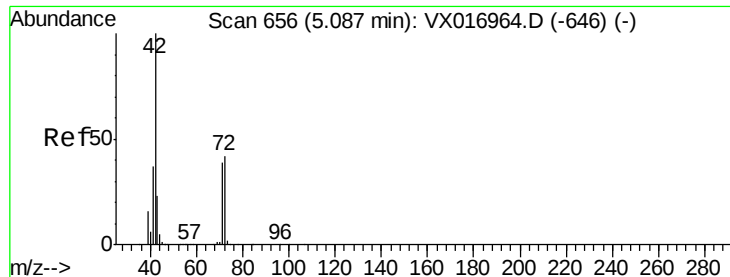


#28

Bromochloromethane
Concen: 45.041 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	127433		
129	2.4	0.0	4.4	
130	75.7	58.7	88.1	





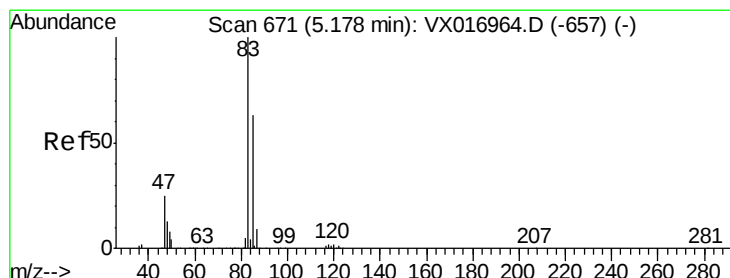
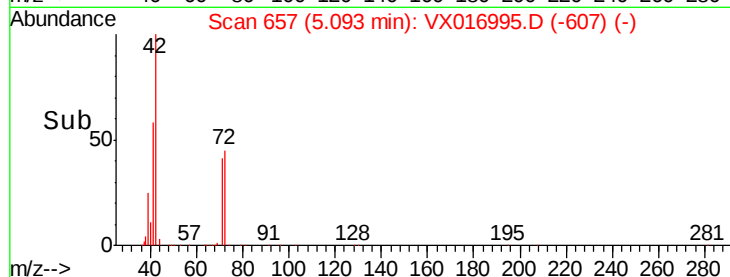
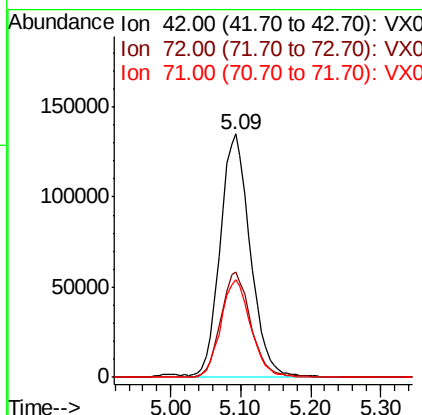
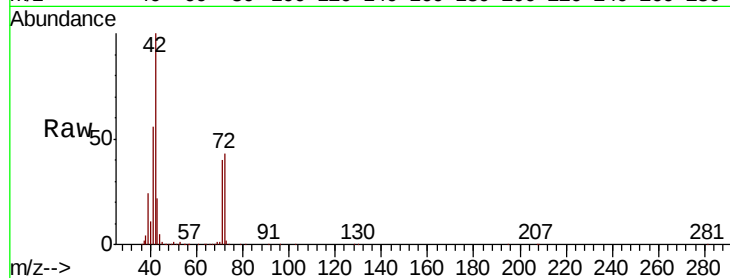
#29
Tetrahydrofuran
Concen: 254.569 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.1	51.1
71	39.9	32.1	48.1

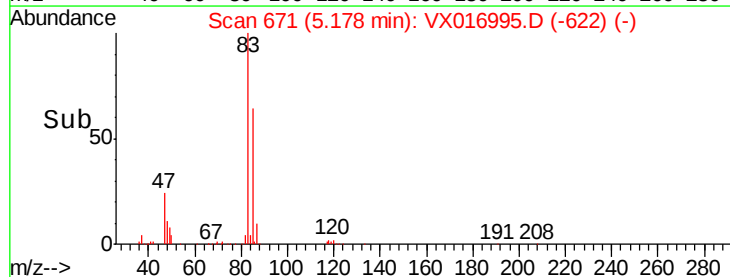
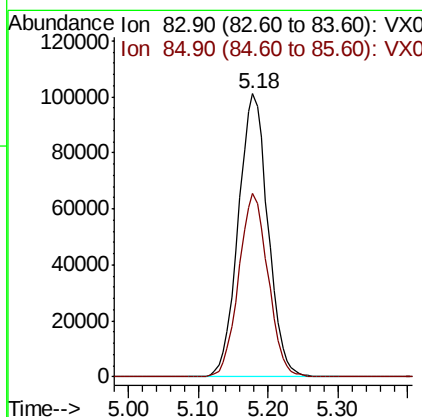
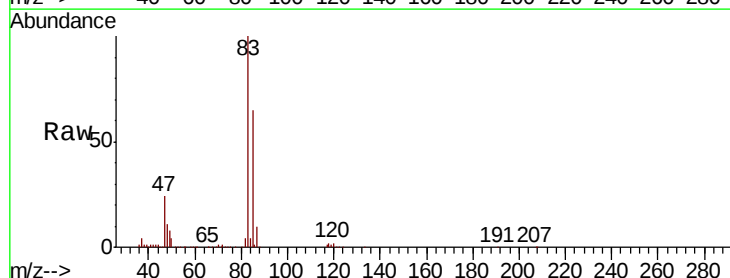
Manual Integrations
APPROVED

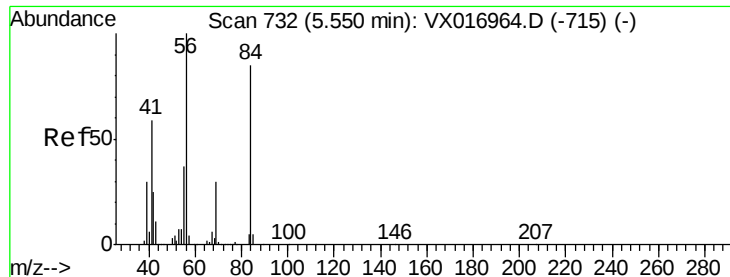
MMDadoda
6/29/2020 12:32:46 PM



#30
Chloroform
Concen: 48.966 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.7	76.1





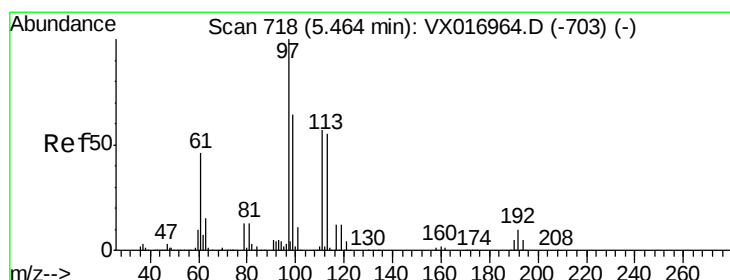
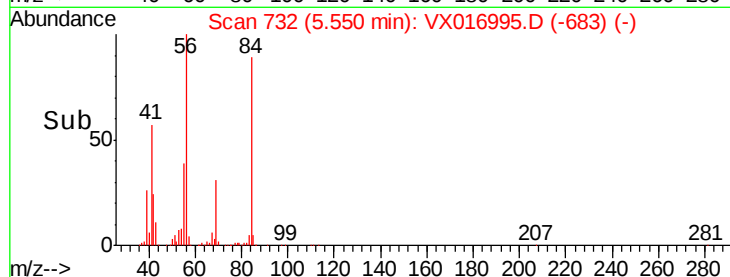
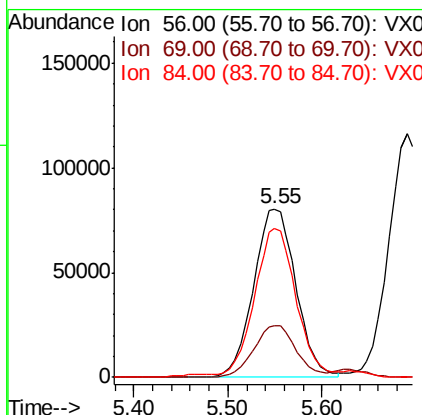
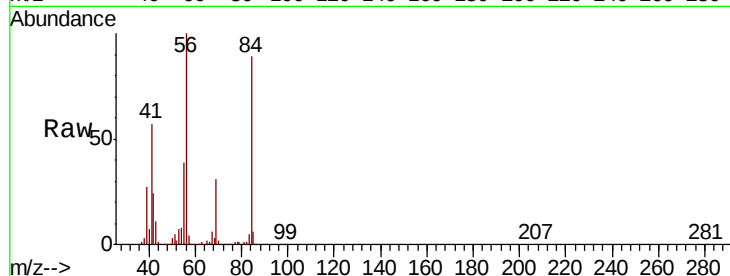
#31
Cyclohexane
Concen: 49.969 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.6	35.4
84	86.8	67.8	101.8

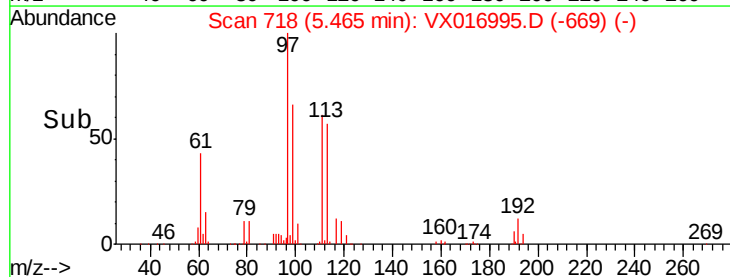
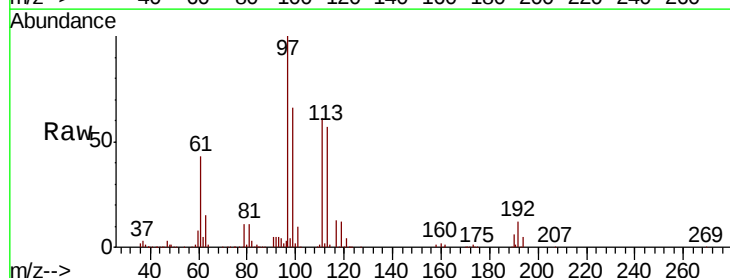
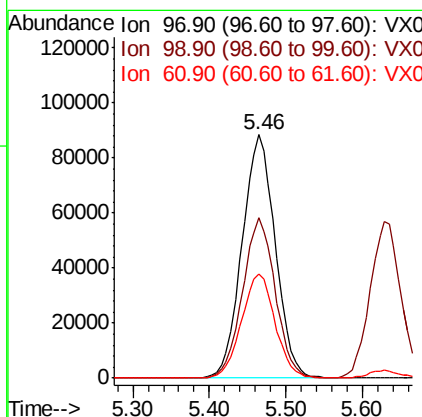
Manual Integrations
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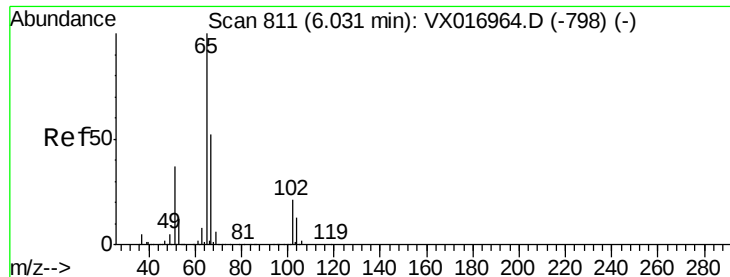
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#32
1,1,1-Trichloroethane
Concen: 48.957 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.2
61	43.4	37.0	55.4





#33

1,2-Dichloroethane-d4

Concen: 46.426 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 187026

Ion Ratio Lower Upper

65 100

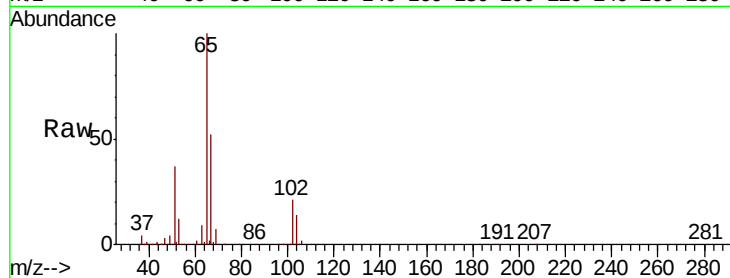
67 52.1 0.0 102.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

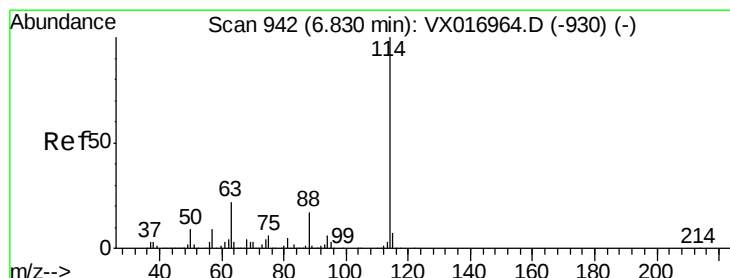
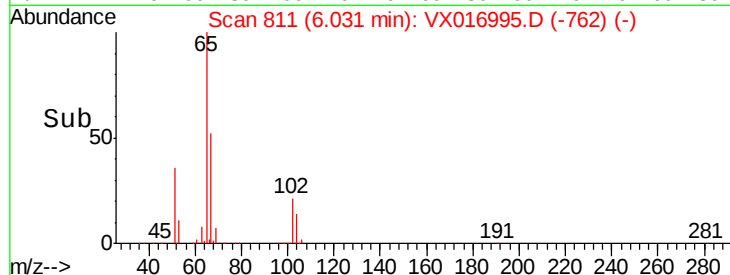
40000

20000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

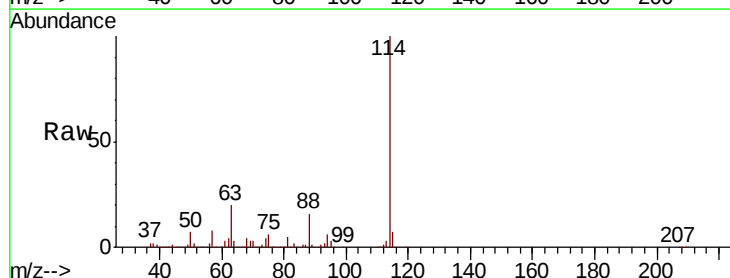
Tgt Ion: 114 Resp: 451093

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

88 16.0 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

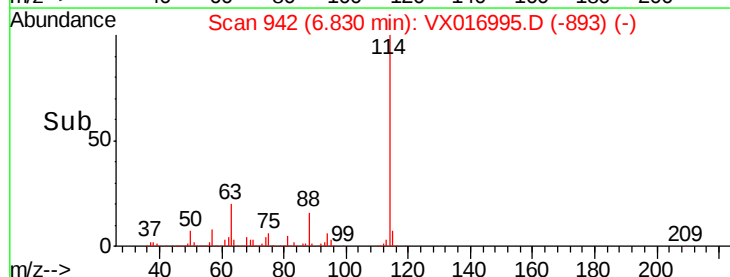
100000

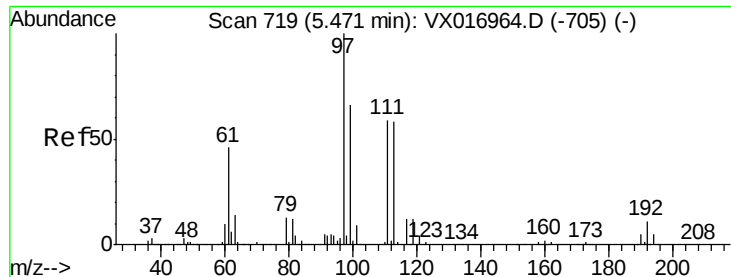
50000

0

6.70 6.80 6.90 7.00

Time-->





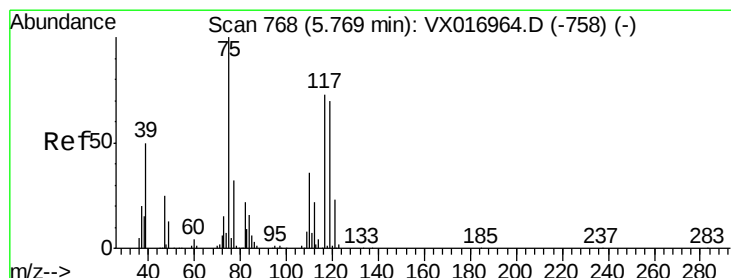
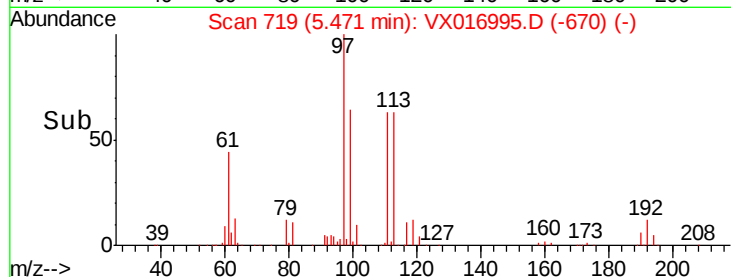
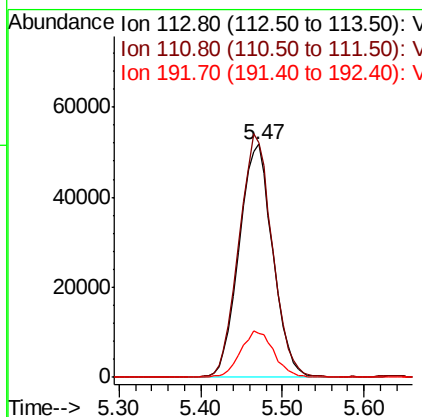
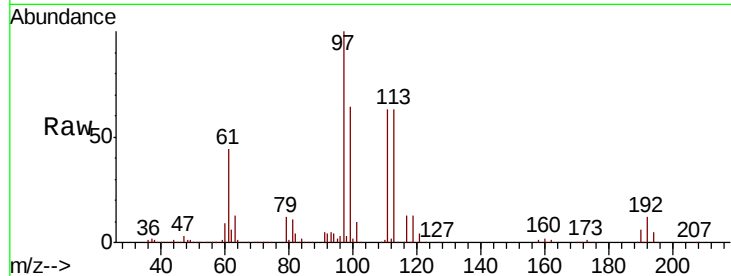
#35
Dibromofluoromethane
Concen: 49.750 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	148225		
111	103.4	84.3	126.5	
192	19.5	15.2	22.8	

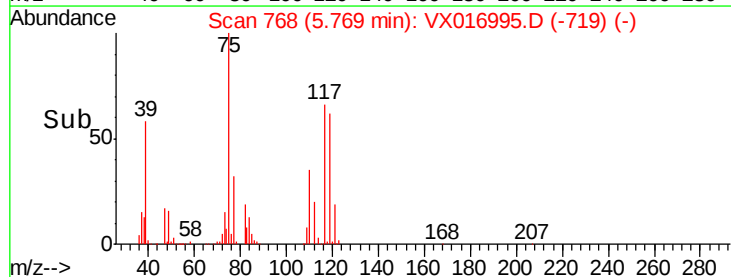
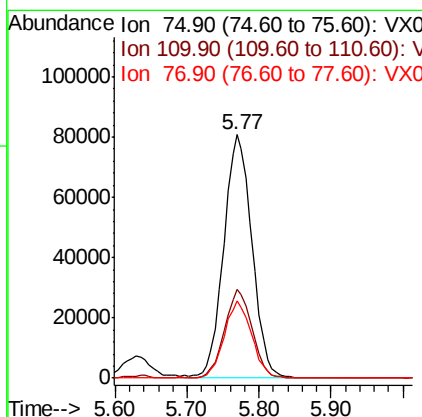
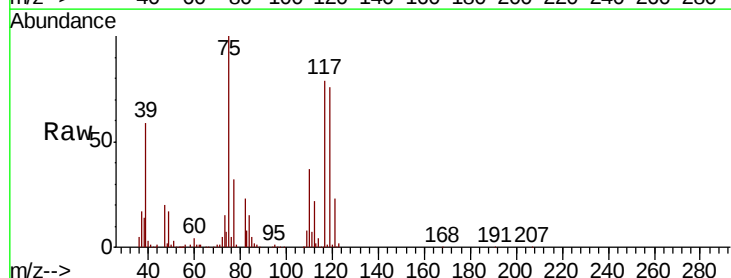
Manual Integrations
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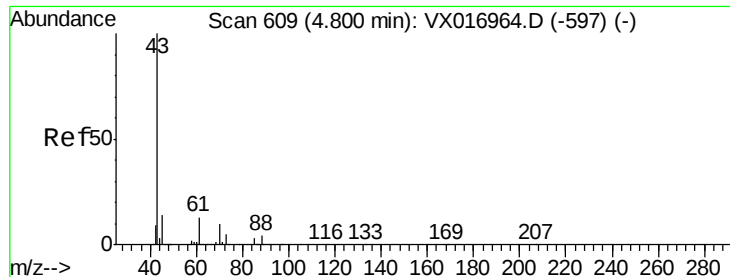
MMDadoda
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#36
1,1-Dichloropropene
Concen: 49.208 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	219791		
110	35.6	17.2	51.6	
77	30.9	24.7	37.1	





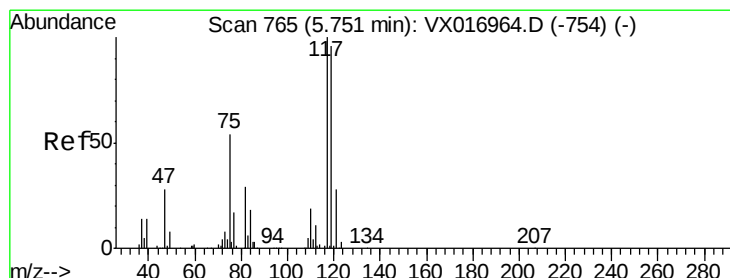
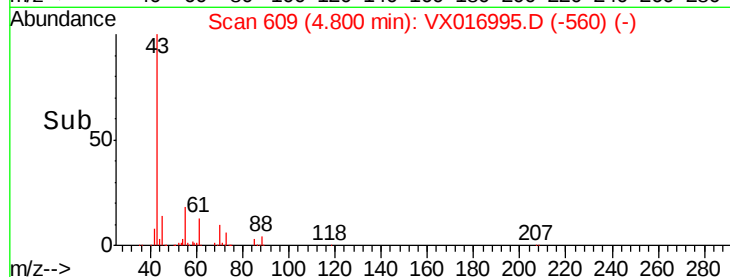
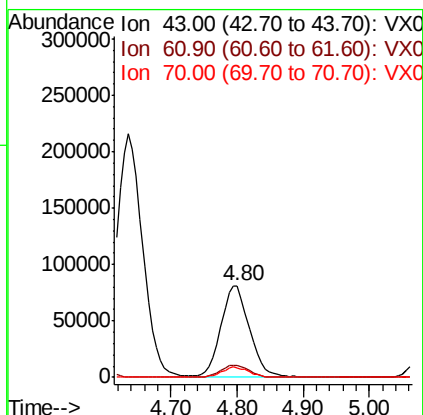
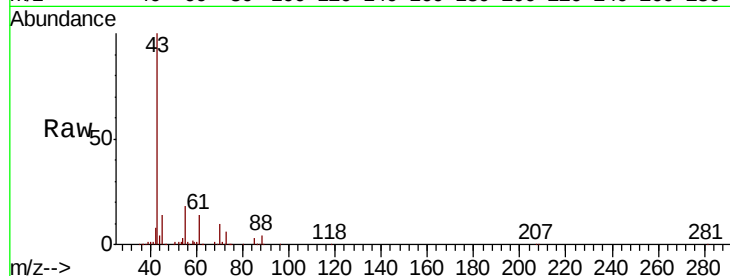
#37
Ethyl Acetate
Concen: 50.595 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	10.8	8.0	12.0

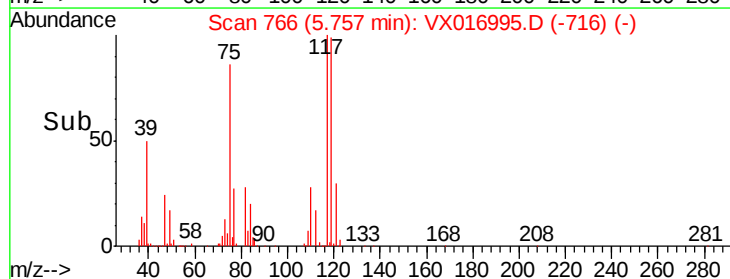
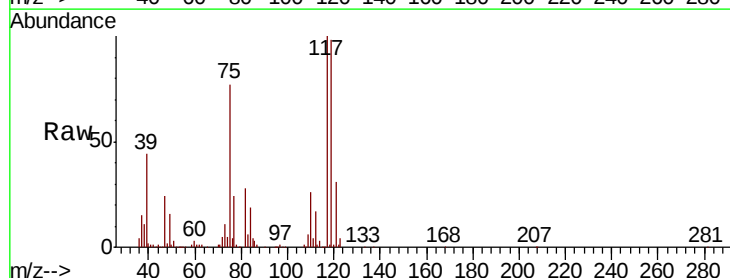
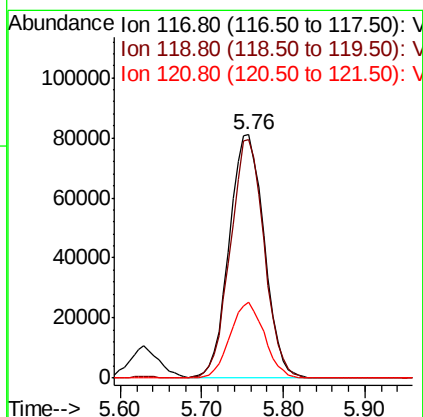
Manual Integrations
APPROVED

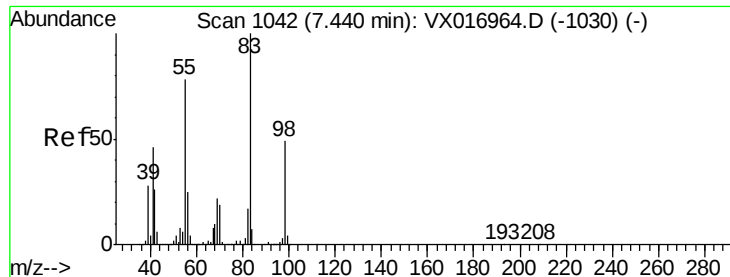
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#38
Carbon Tetrachloride
Concen: 50.716 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.6	114.8
121	31.2	22.5	33.7





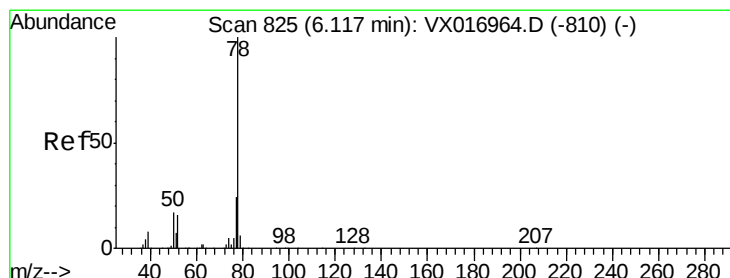
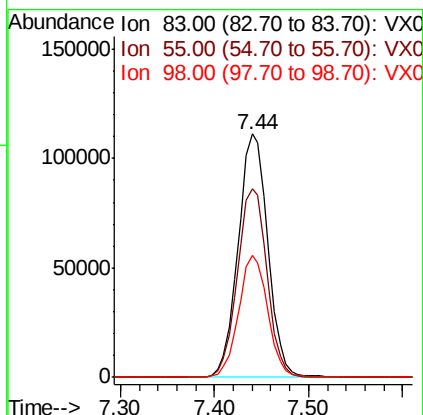
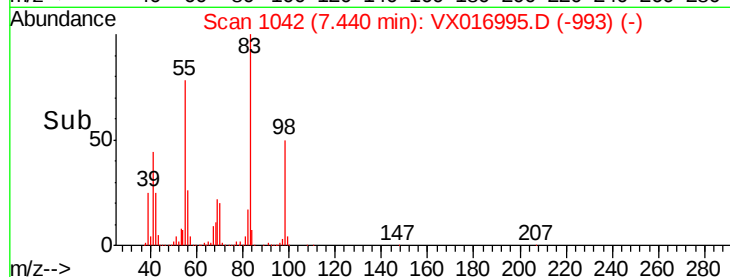
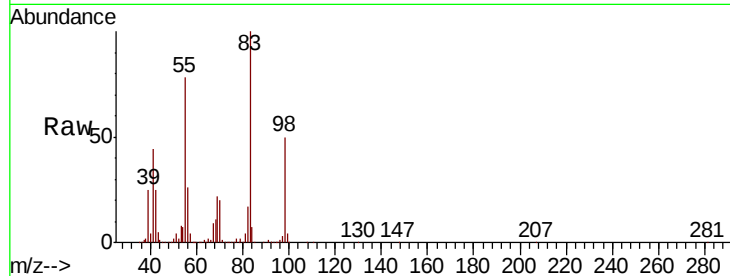
#39
Methvlcvclohexane
Concen: 50.800 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	62.4	93.6
98	50.3	39.4	59.0

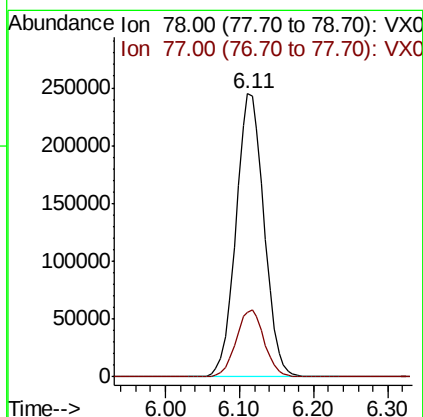
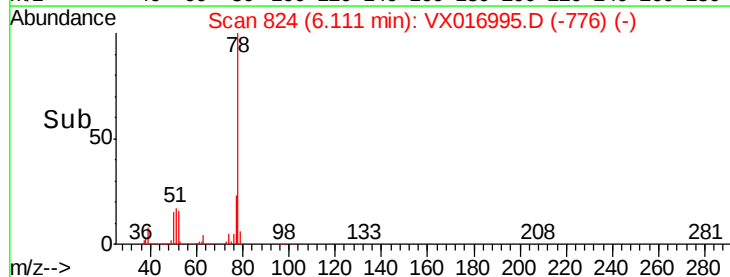
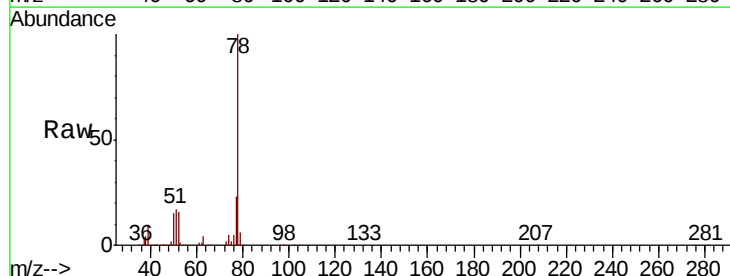
Manual Integrations
APPROVED

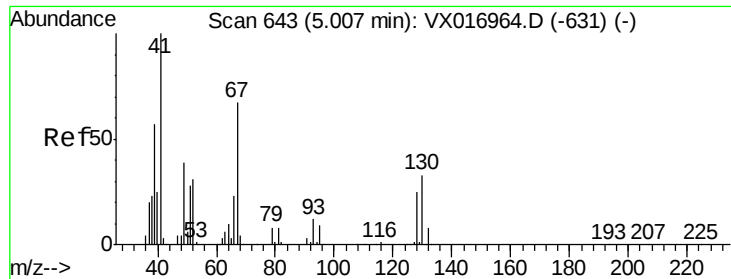
MMDadoda
6/29/2020 12:32:46 PM



#40
Benzene
Concen: 50.305 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.9	28.3





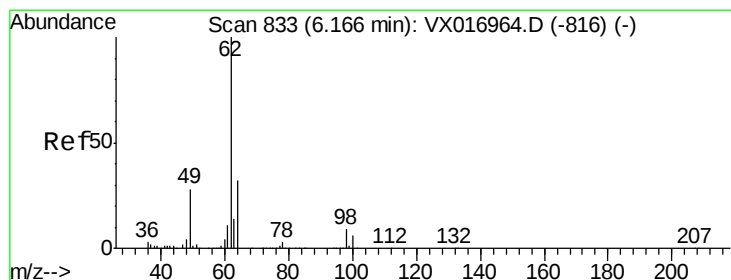
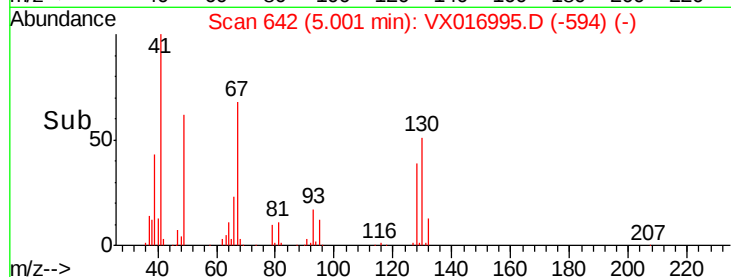
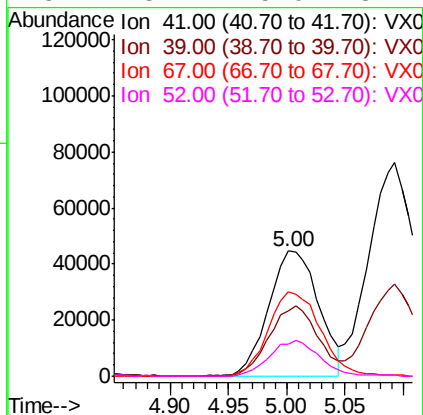
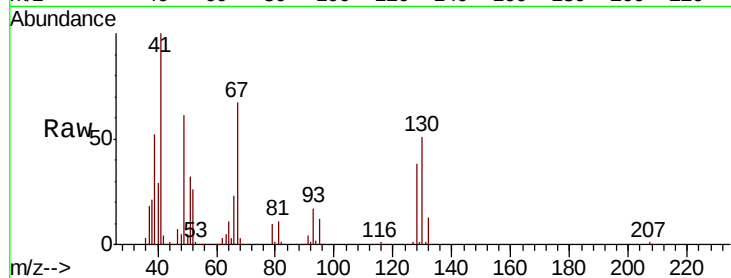
#41
Methacrylonitrile
Concen: 49.461 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.4	46.6	70.0
67	71.2	57.0	85.6
52	28.4	25.0	37.4

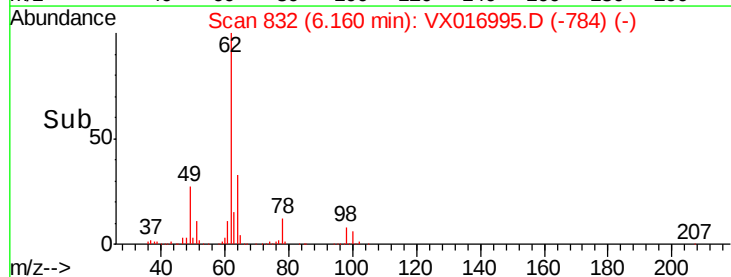
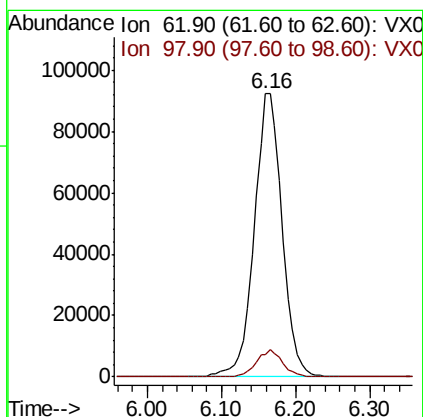
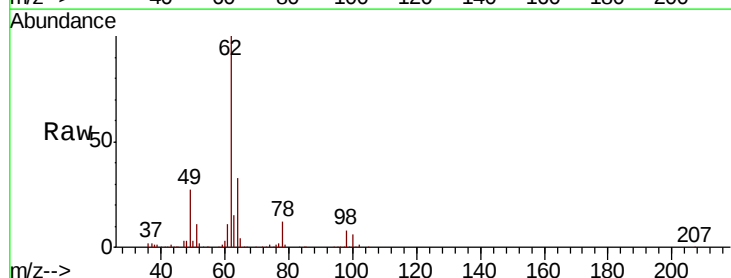
Manual Integrations
APPROVED

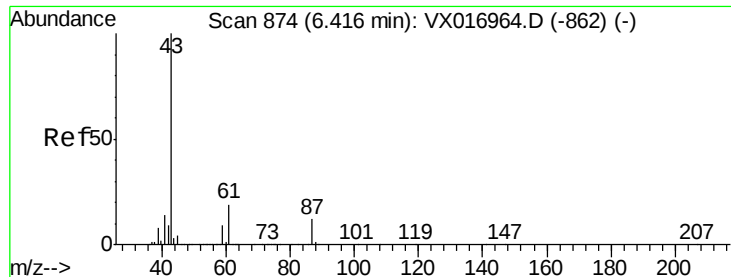
MMDadoda
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#42
1,2-Dichloroethane
Concen: 47.804 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.2





#43

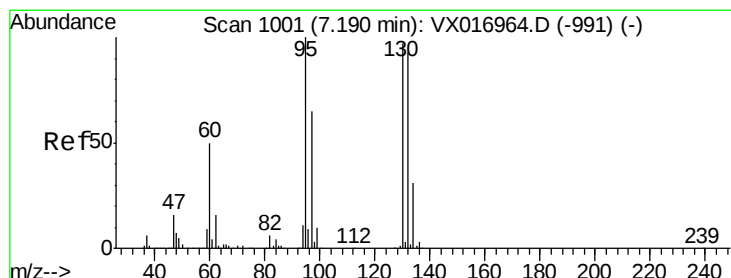
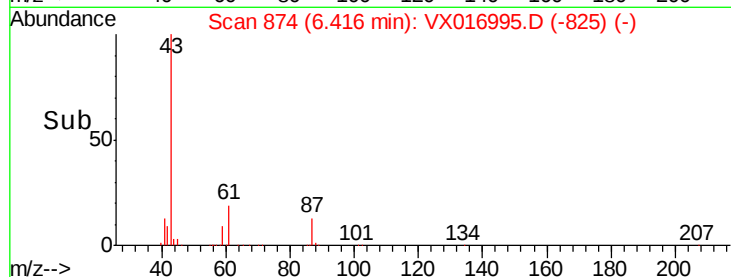
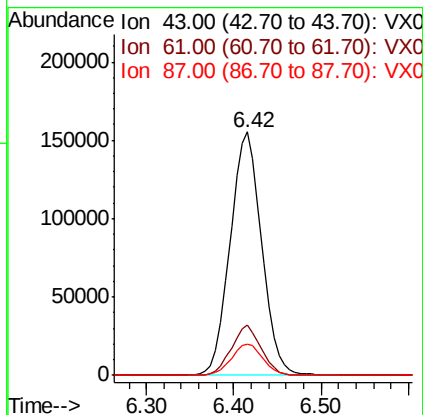
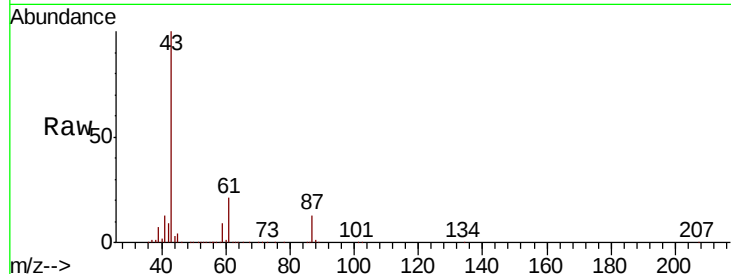
Isopropyl Acetate
 Concen: 47.797 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.0	22.6
87	13.0	10.0	15.0

Manual Integrations
 APPROVED

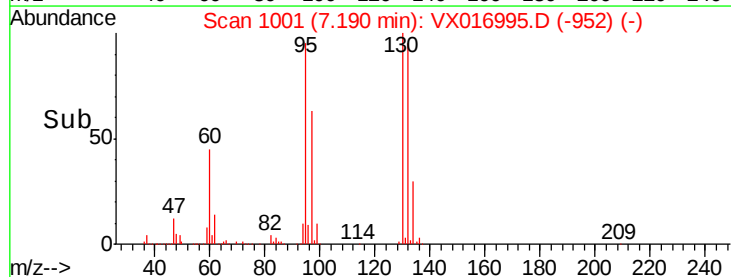
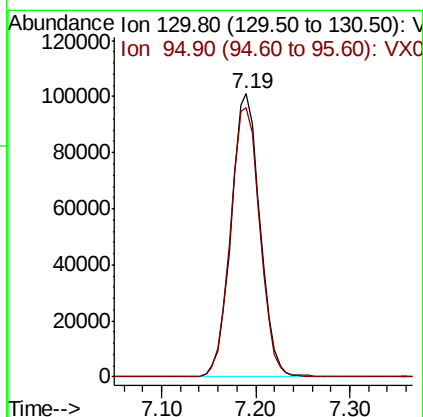
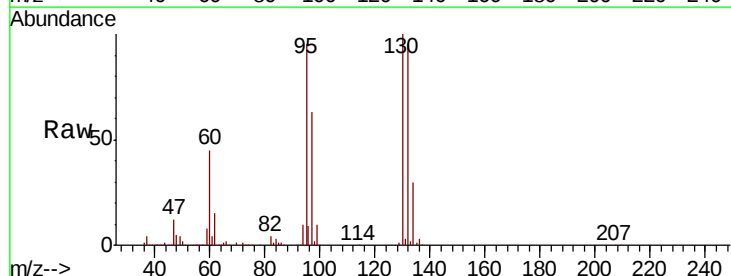
MMDadoda
 6/29/2020 12:32:46 PM

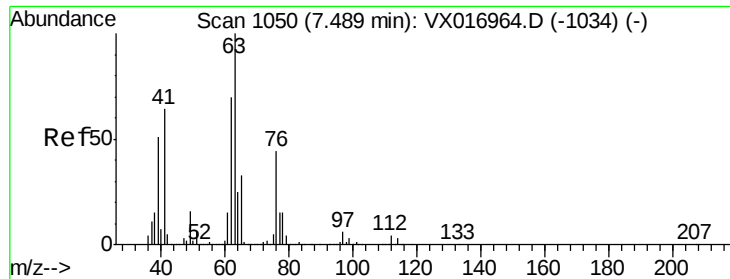


#44

Trichloroethene
 Concen: 62.605 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	206.6





#45

1,2-Dichloropropane

Concen: 48.536 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 166903

Ion Ratio Lower Upper

63 100

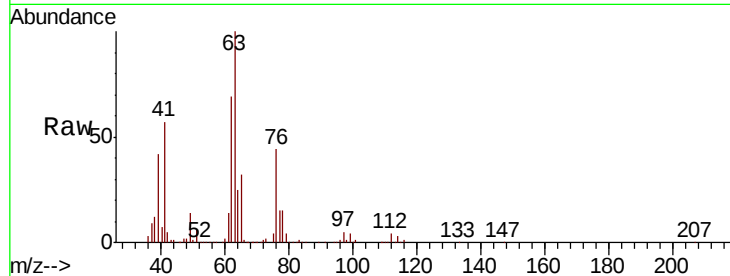
65 31.9 26.1 39.1

Manual Integrations

APPROVED

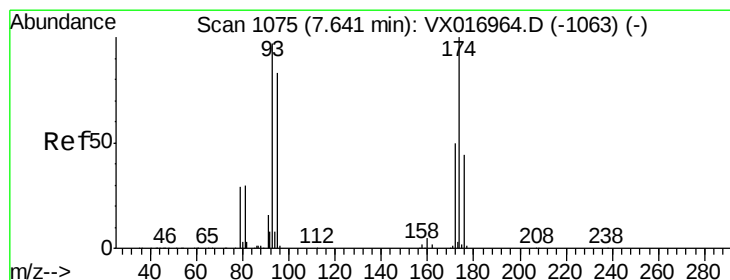
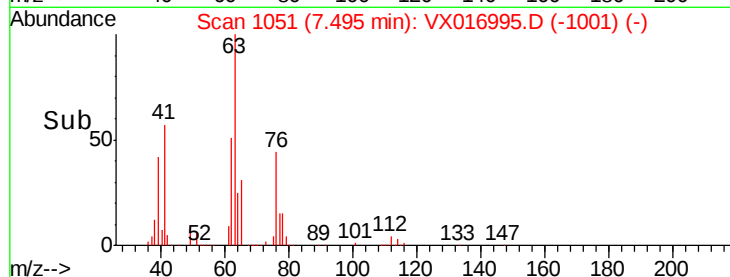
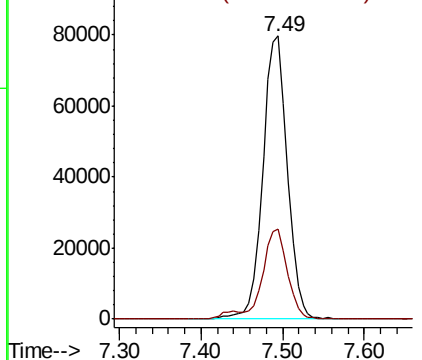
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.070 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

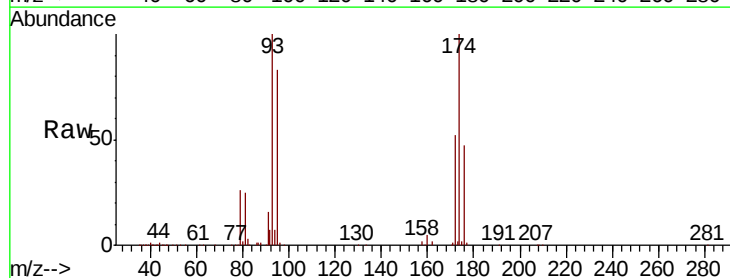
Tgt Ion: 93 Resp: 114632

Ion Ratio Lower Upper

93 100

95 82.9 67.5 101.3

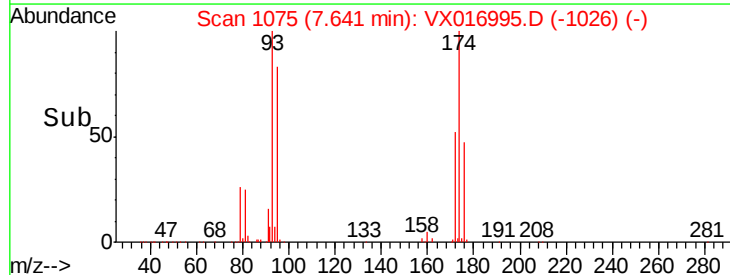
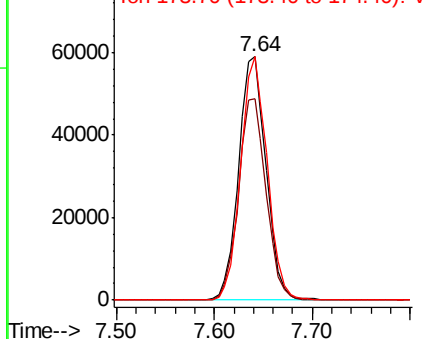
174 96.9 75.0 112.4

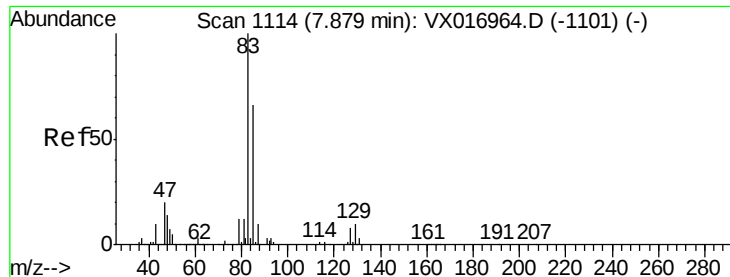


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.829 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

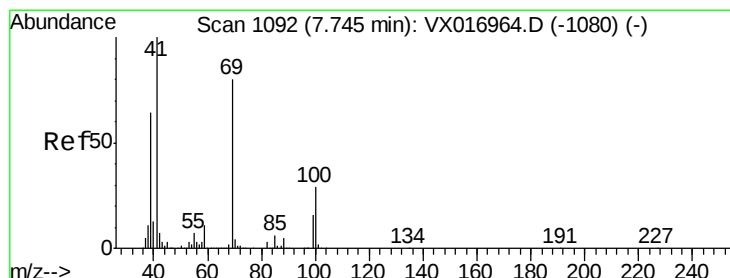
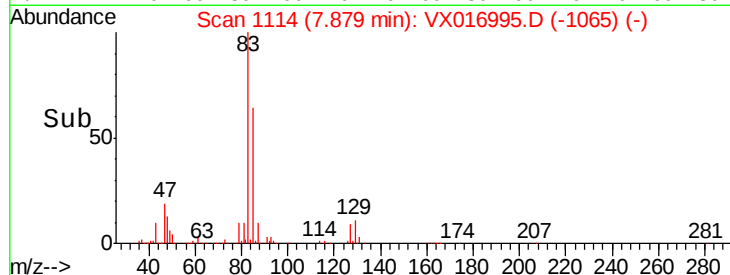
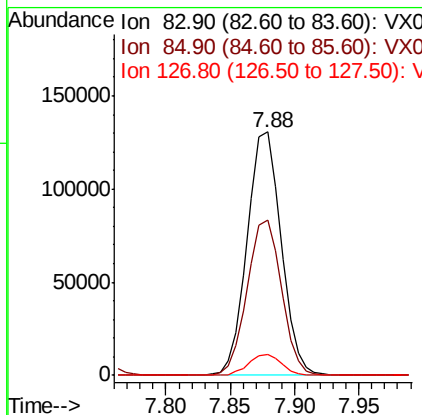
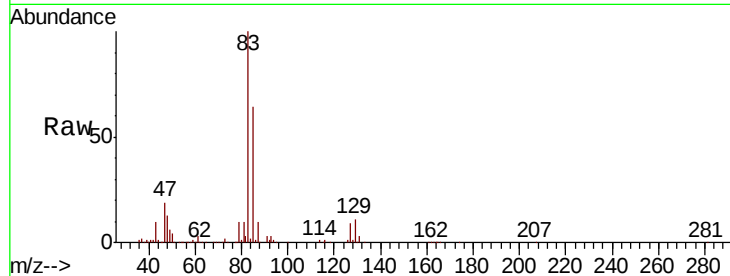
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	238588
Ion Ratio	Lower	Upper	
83	100		
85	63.9	53.1	79.7
127	8.7	6.8	10.2

Manual Integrations
APPROVED

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#48

Methyl methacrylate

Concen: 51.298 ug/l

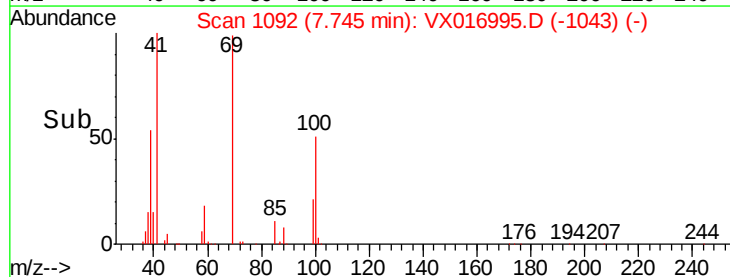
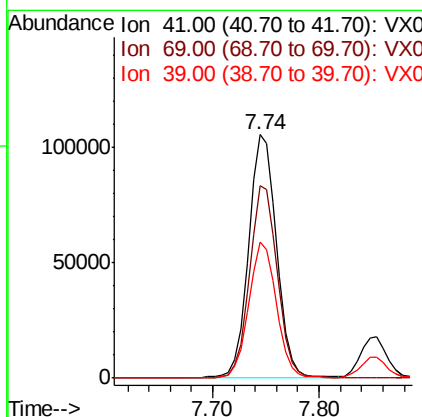
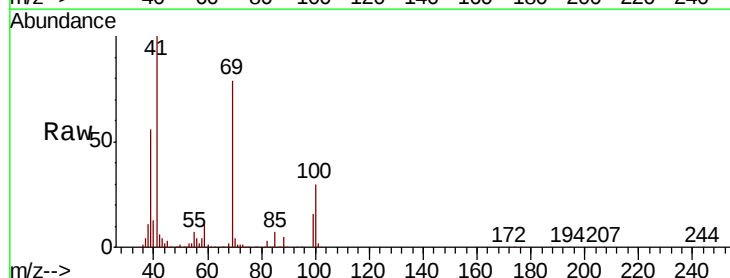
RT: 7.74 min Scan# 1092

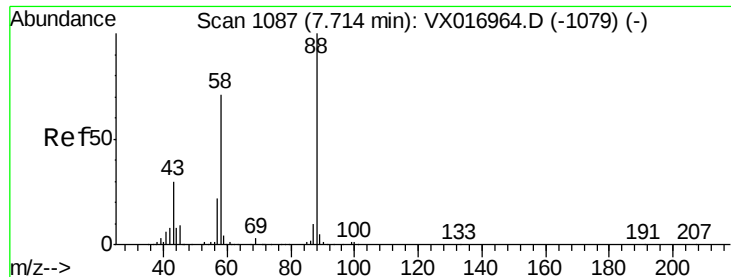
Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Tgt Ion:	41	Resp:	193441
Ion Ratio	Lower	Upper	
41	100		
69	79.4	62.7	94.1
39	55.8	49.6	74.4





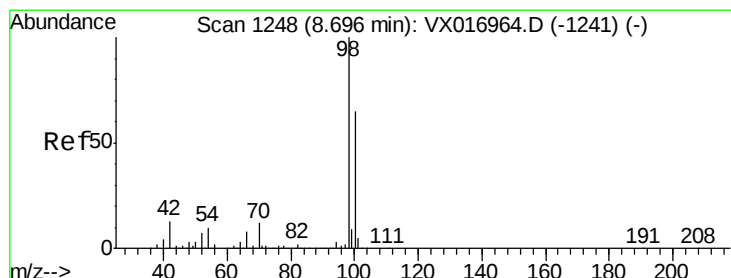
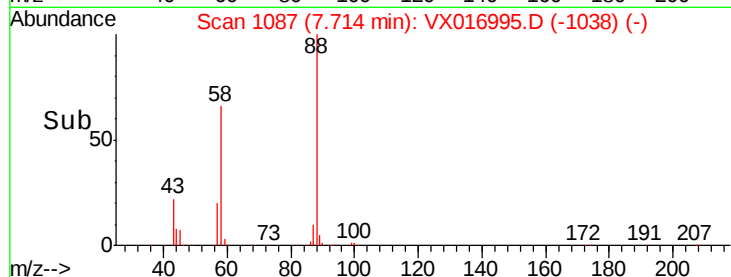
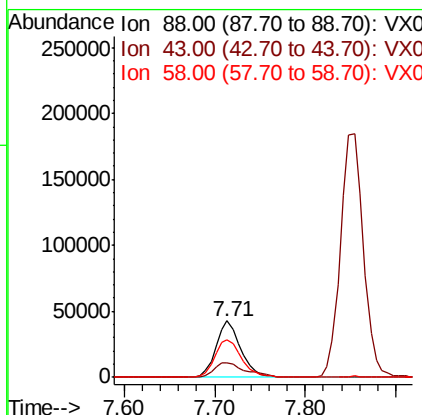
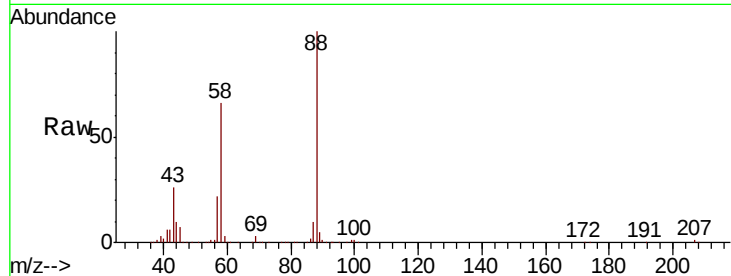
#49
1,4-Dioxane
Concen: 1046.058 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	28.1	42.1
58	72.0	56.1	84.1

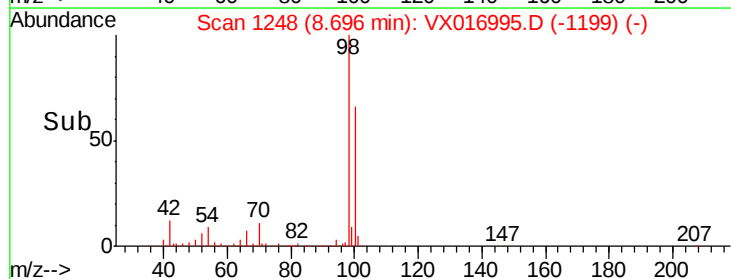
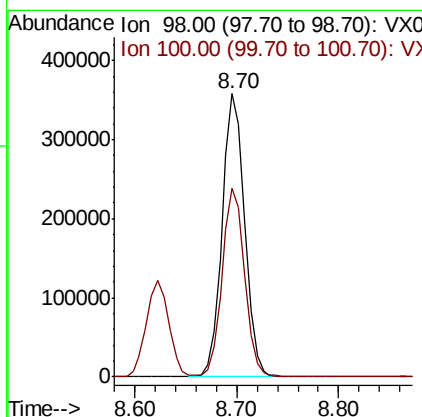
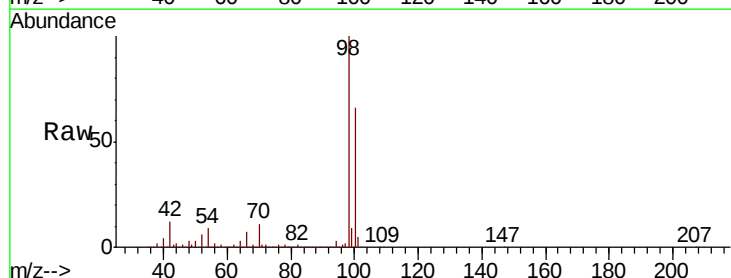
Manual Integrations
APPROVED

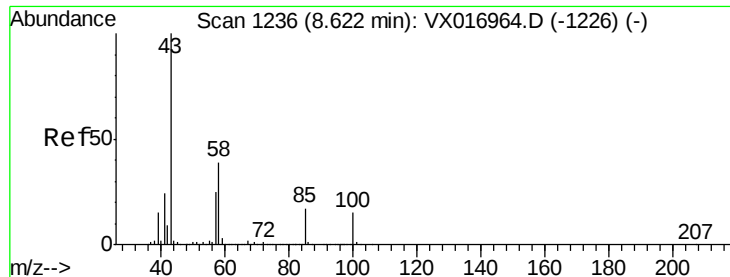
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#50
Toluene-d8
Concen: 50.130 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 260.280 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1202930

Ion Ratio Lower Upper

43 100

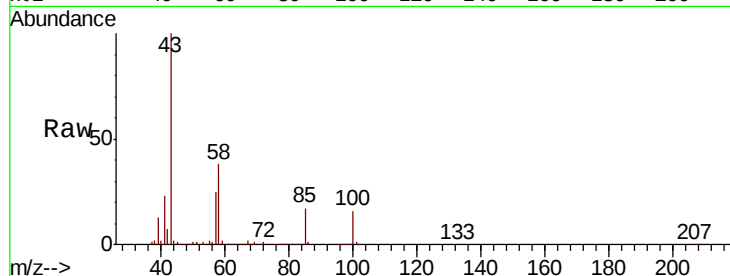
58 38.1 30.4 45.6

Manual Integrations

APPROVED

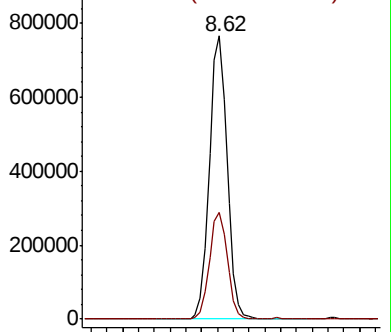
MMDadoda

6/29/2020 12:32:46 PM

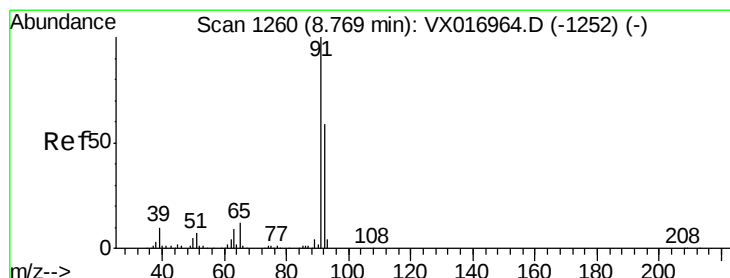
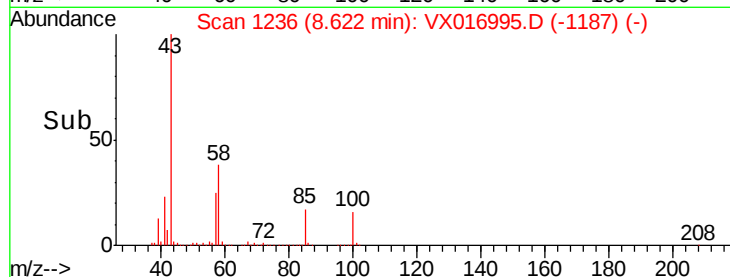


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 50.459 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016995.D

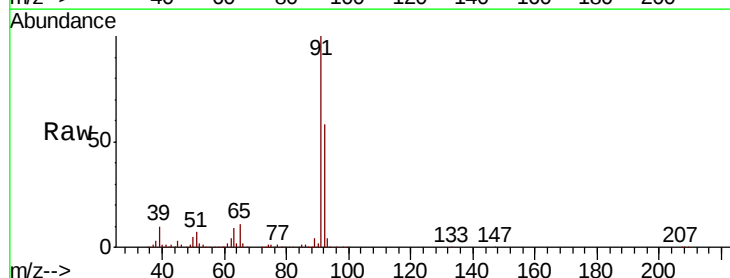
Acq: 26 Jun 2020 19:39

Tgt Ion: 92 Resp: 400043

Ion Ratio Lower Upper

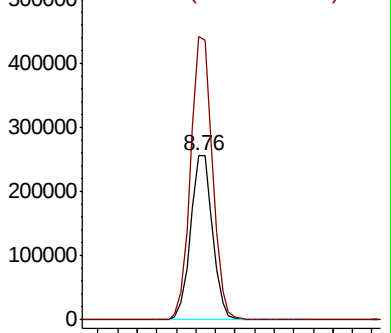
92 100

91 171.8 136.7 205.1

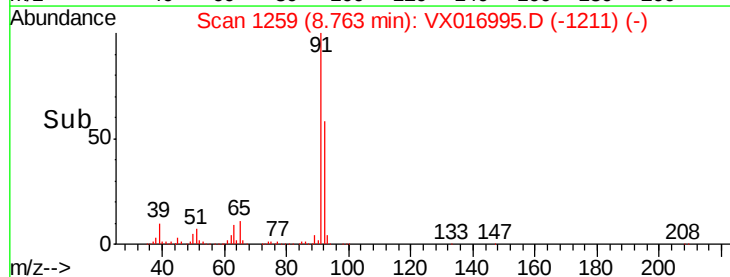


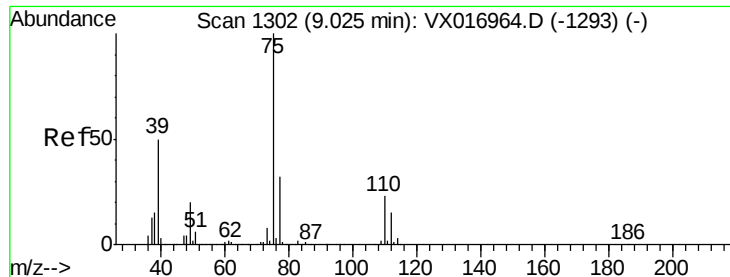
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





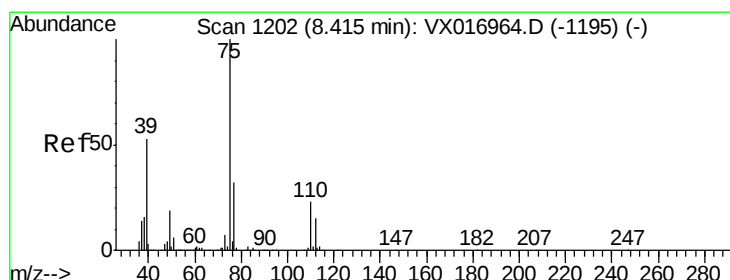
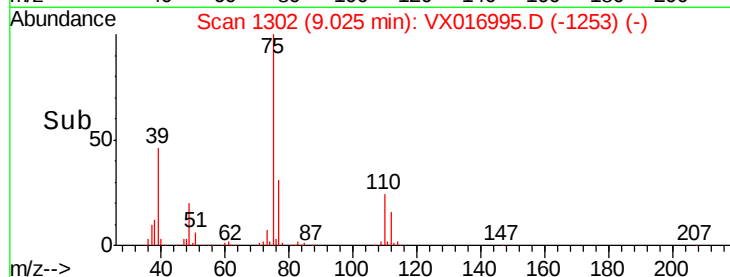
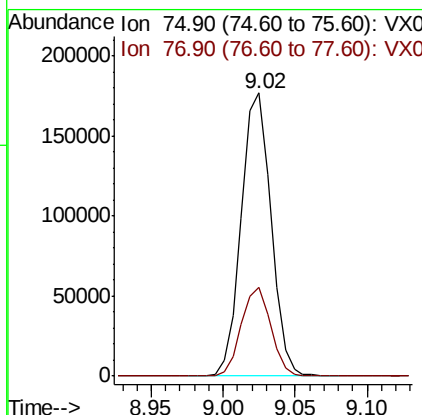
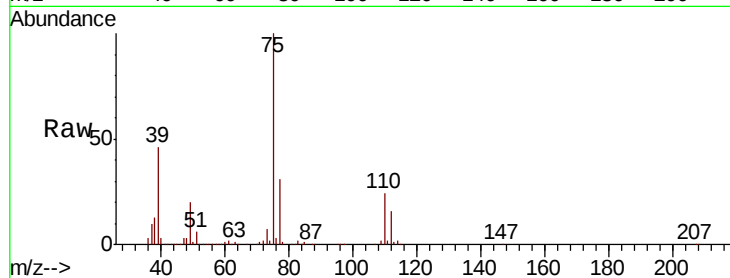
#53
t-1,3-Dichloropropene
Concen: 48.723 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.6

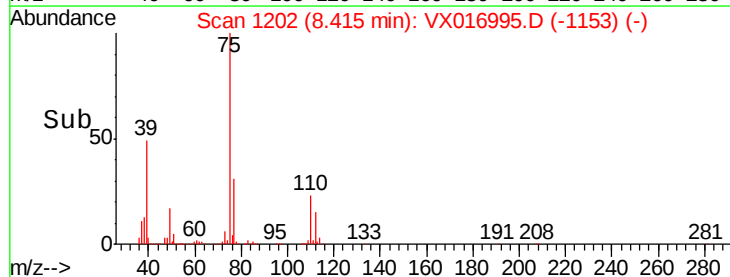
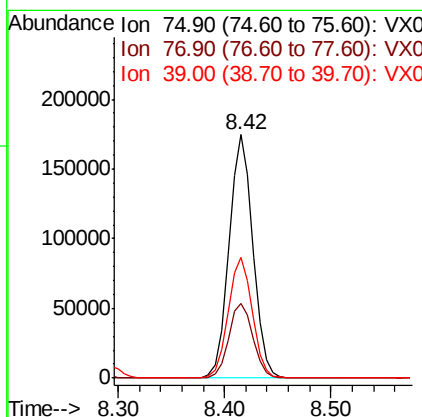
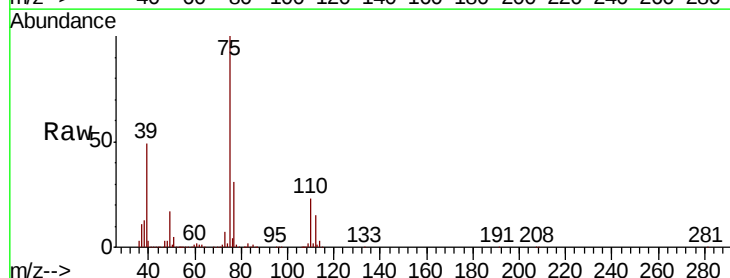
Manual Integrations
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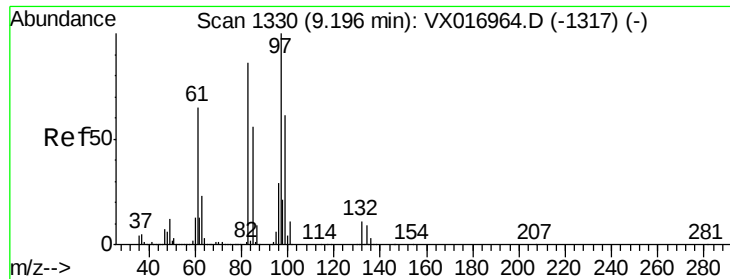
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.883 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.7	38.5
39	49.3	42.7	64.1





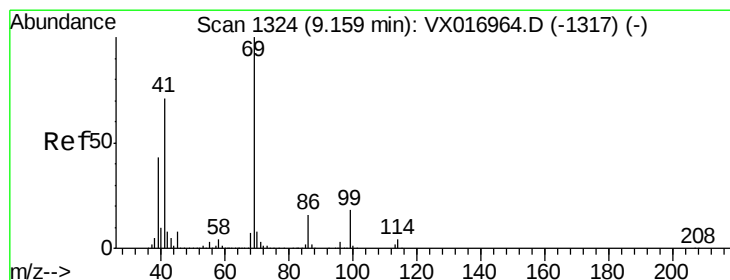
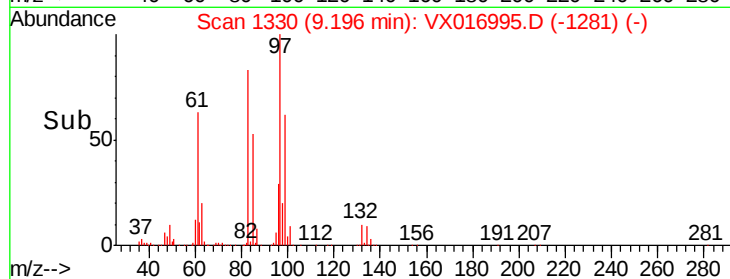
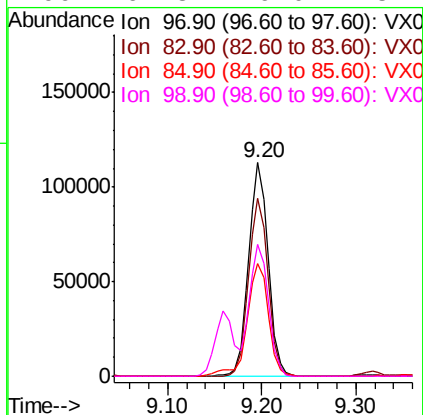
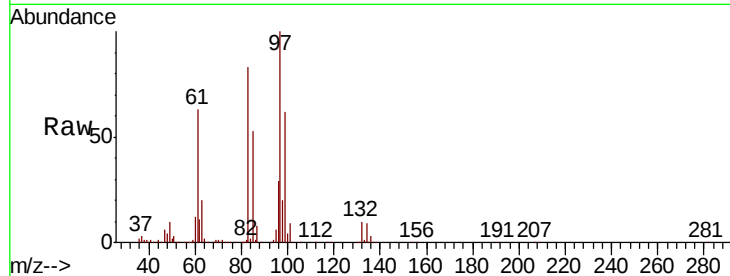
#55
 1,1,2-Trichloroethane
 Concen: 50.551 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		164678		
83	83.3	68.6	103.0		
85	53.0	44.5	66.7		
99	61.8	49.0	73.4		

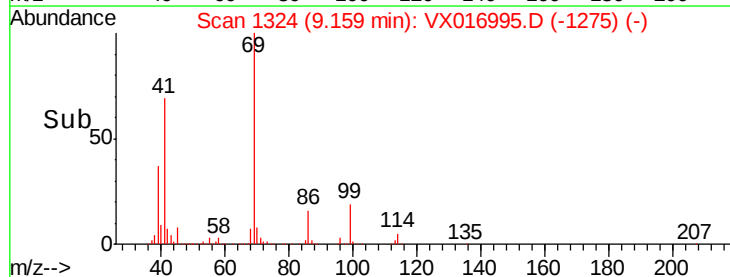
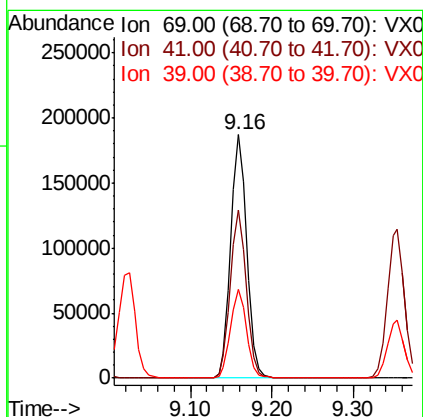
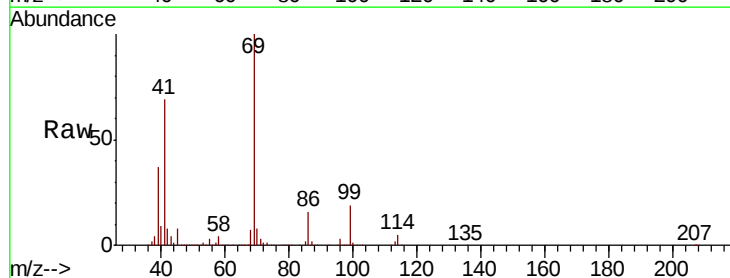
Manual Integrations
 APPROVED

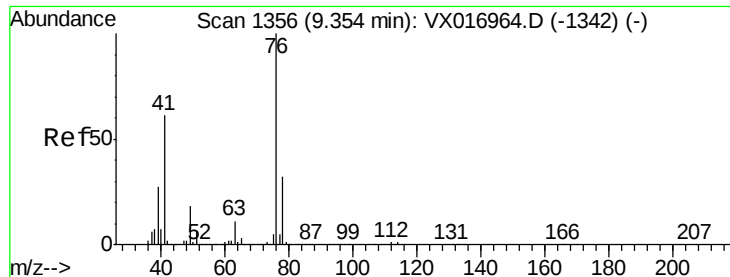
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#56
 Ethyl methacrylate
 Concen: 51.495 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		251414		
41	68.8	55.9	83.9		
39	36.6	34.6	51.8		





#57

1,3-Dichloropropane

Concen: 49.943 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 278521

Ion Ratio Lower Upper

76 100

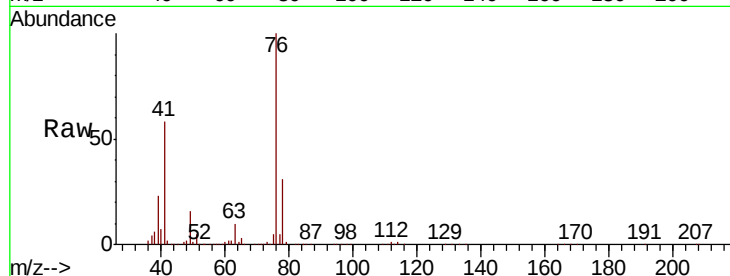
78 32.5 26.0 39.0

Manual Integrations

APPROVED

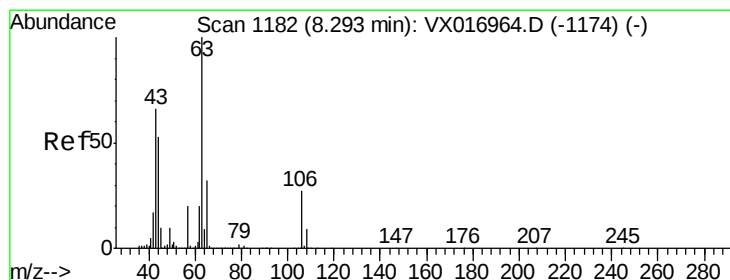
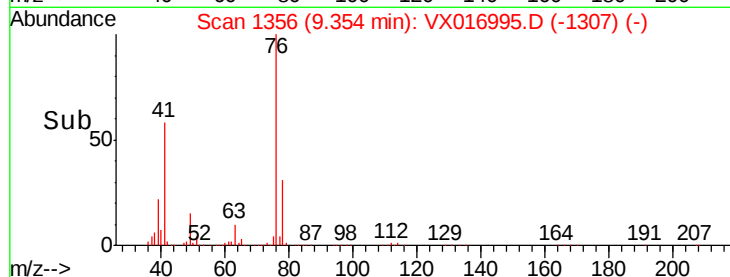
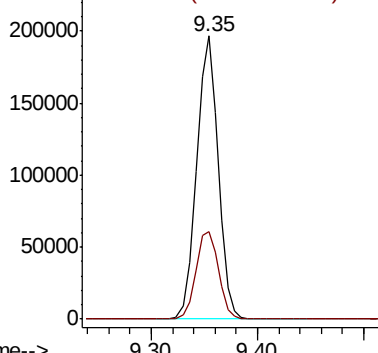
MMDadoda

6/29/2020 12:32:46 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 258.354 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016995.D

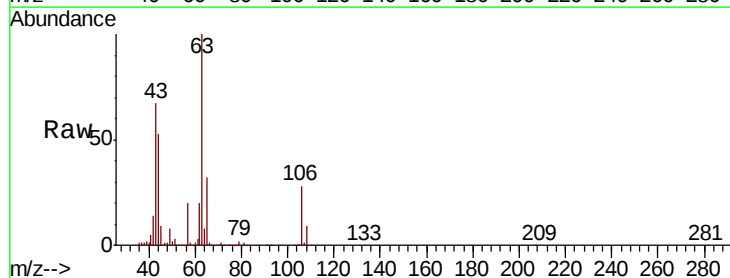
Acq: 26 Jun 2020 19:39

Tgt Ion: 63 Resp: 651678

Ion Ratio Lower Upper

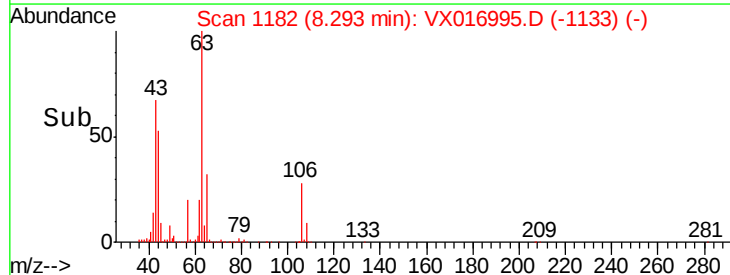
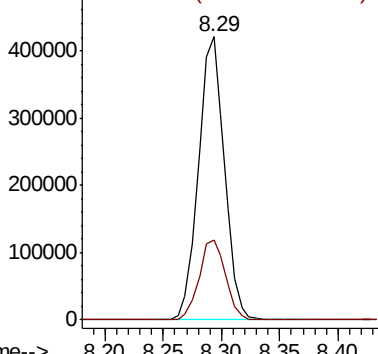
63 100

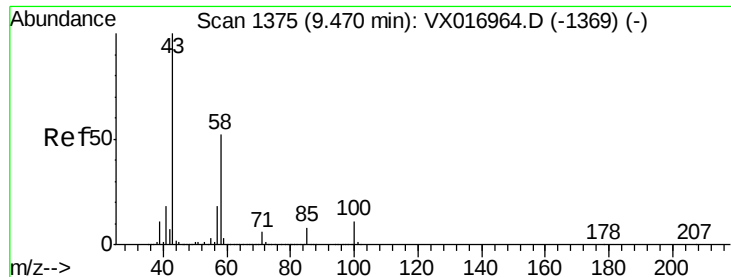
106 28.9 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





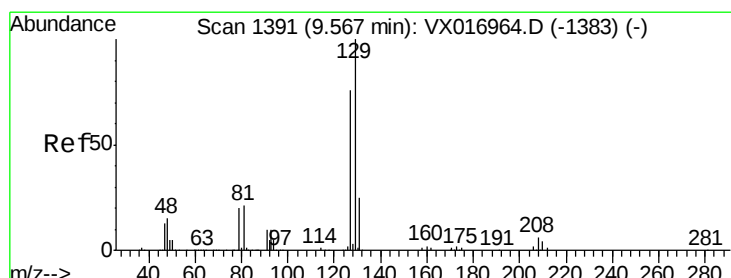
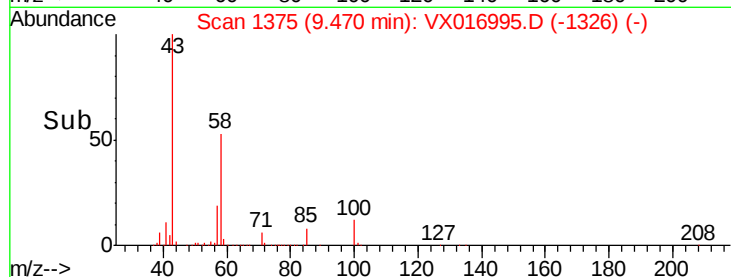
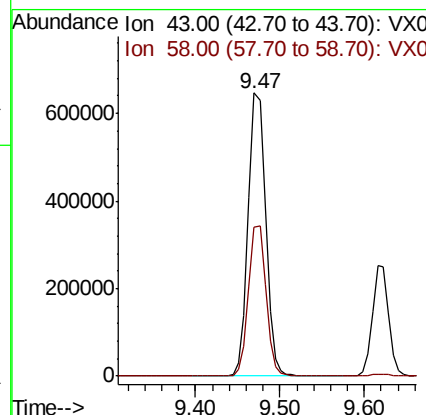
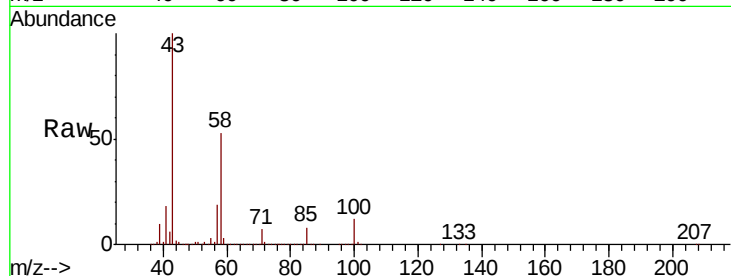
#59
2-Hexanone
Concen: 258.232 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 897822
Ion Ratio Lower Upper
43 100
58 53.1 26.3 78.9

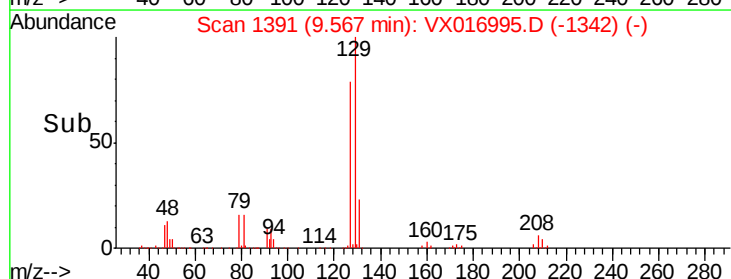
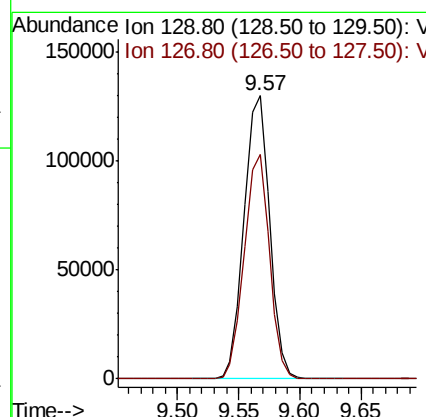
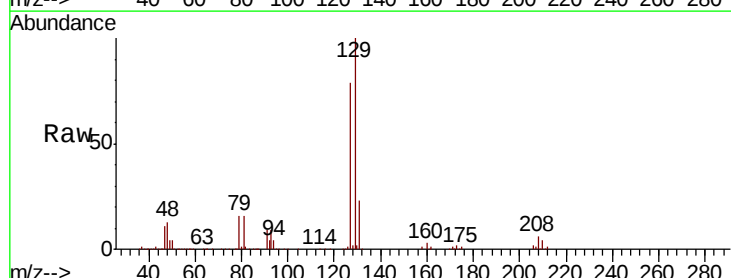
Manual Integrations
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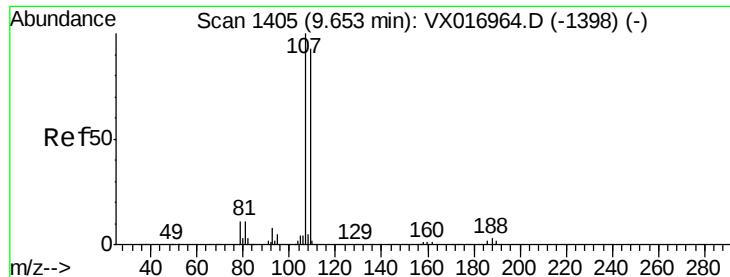
MMDadoda
6/29/2020 12:32:46 PM



#60
Dibromochloromethane
Concen: 50.761 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion: 129 Resp: 188503
Ion Ratio Lower Upper
129 100
127 78.1 38.0 114.0





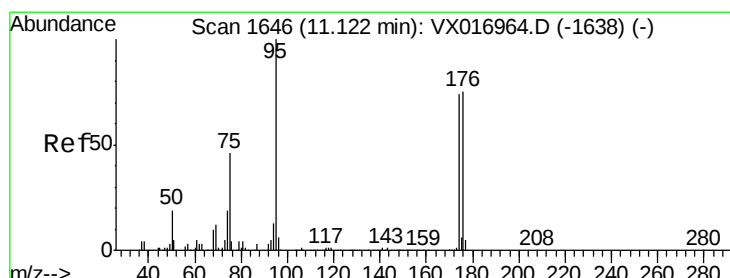
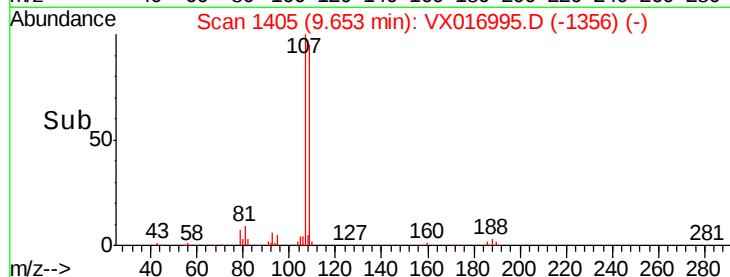
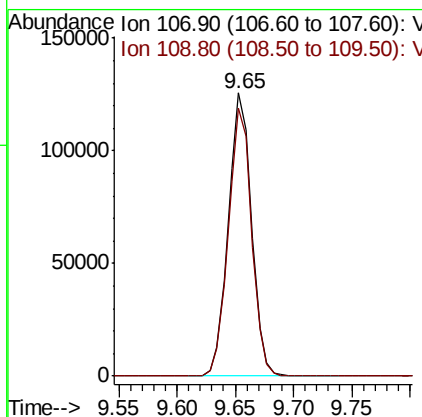
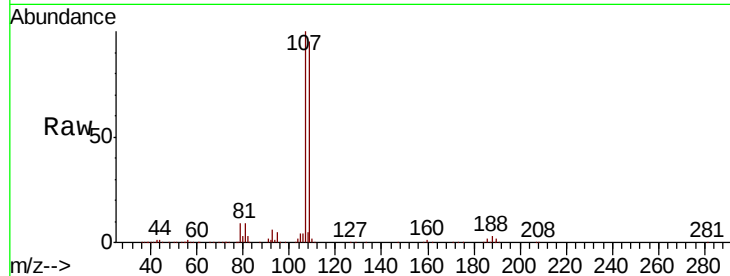
#61
 1,2-Dibromoethane
 Concen: 50.005 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.0	112.6

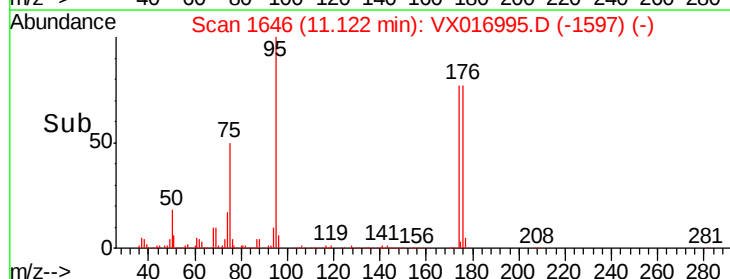
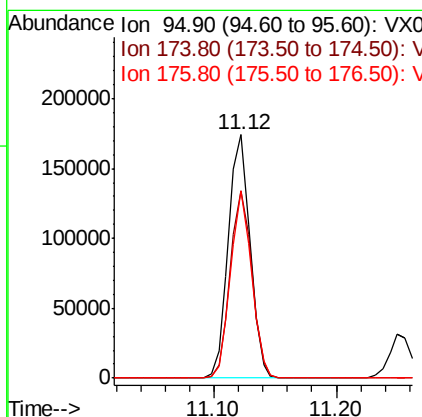
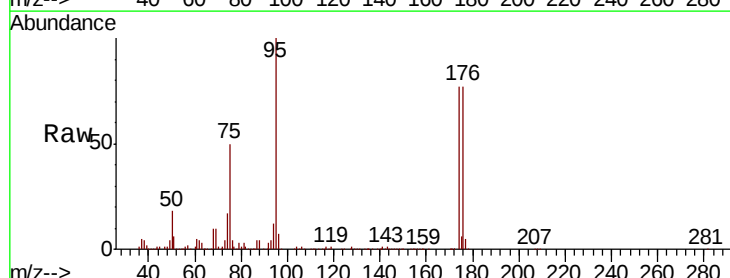
Manual Integrations
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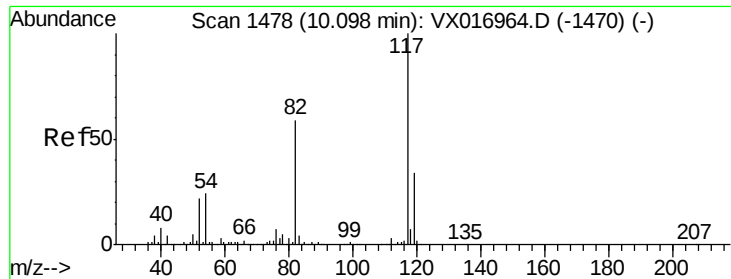
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 50.633 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	149.6
176	74.5	0.0	148.2





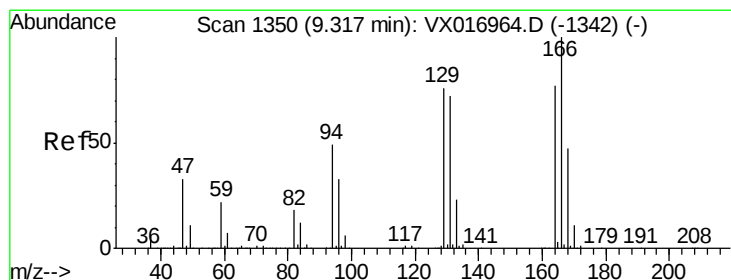
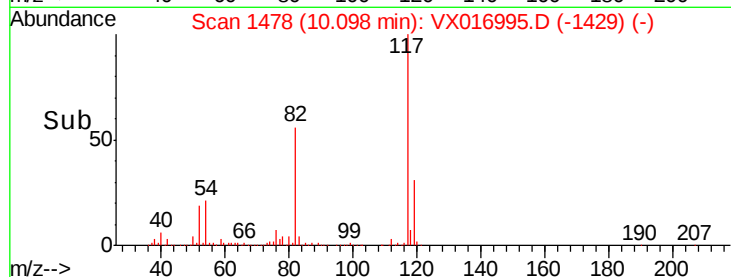
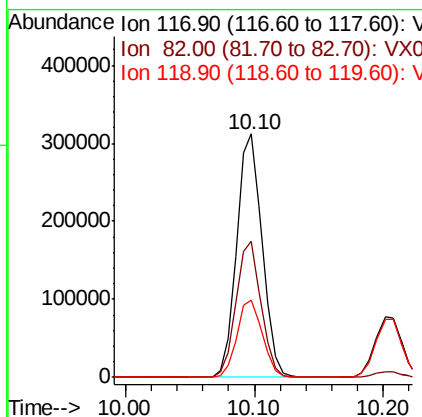
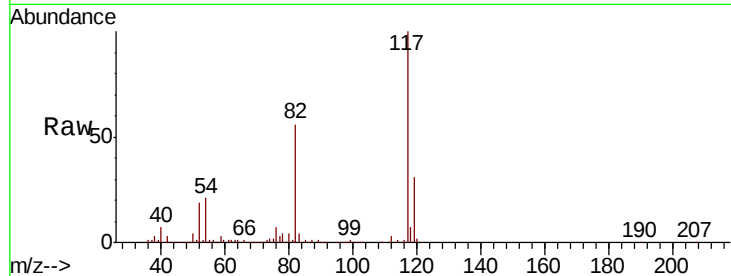
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.8	70.2
119	31.5	27.3	40.9

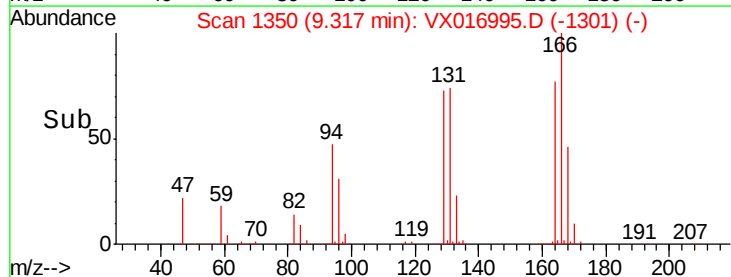
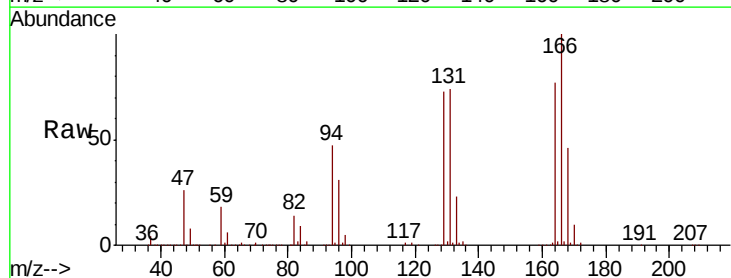
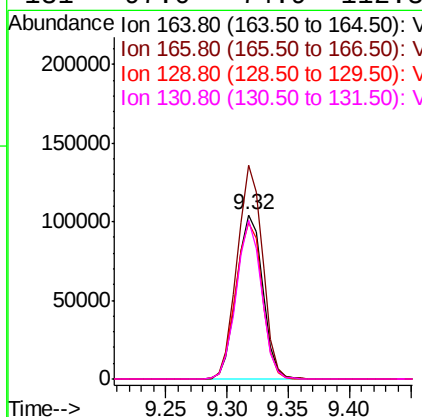
Manual Integrations
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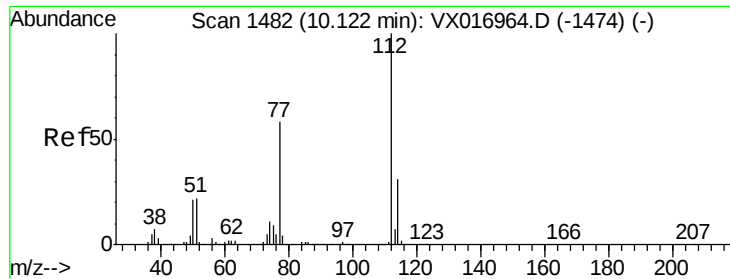
MMDadoda
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#64
Tetrachloroethene
Concen: 53.342 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	104.2	156.4
129	95.0	79.3	118.9
131	97.0	74.9	112.3





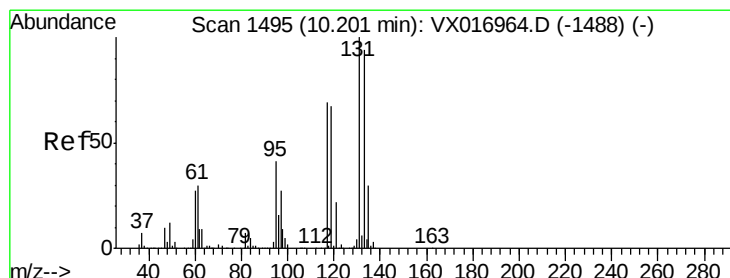
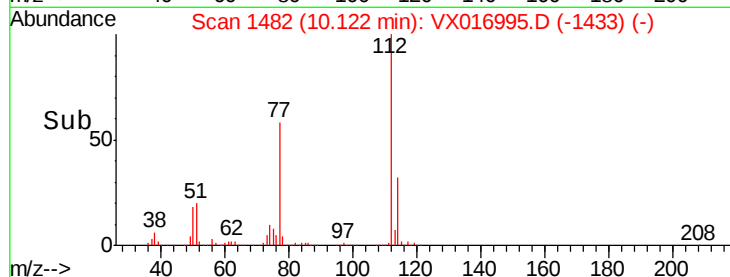
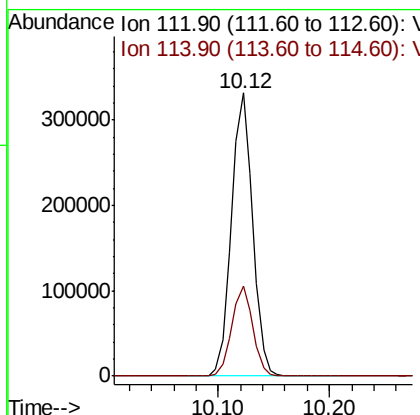
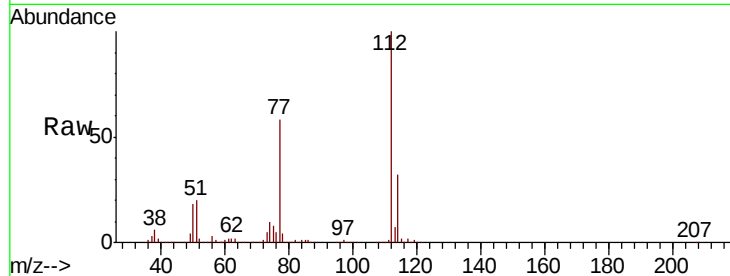
#65
Chlorobenzene
Concen: 50.095 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	24.8	37.2

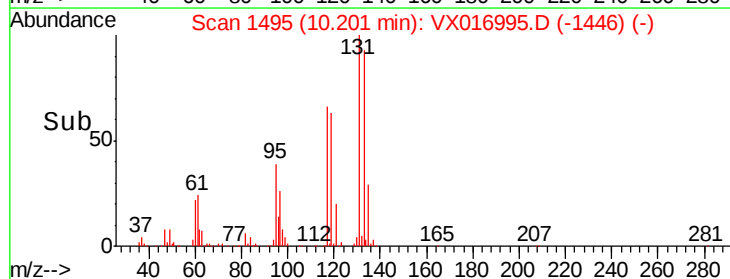
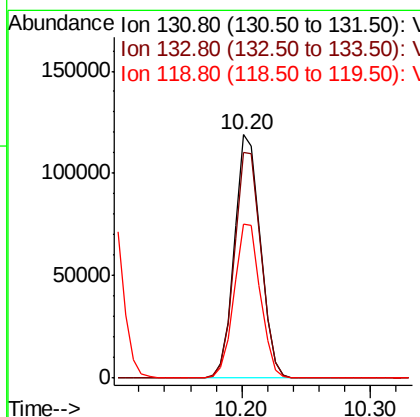
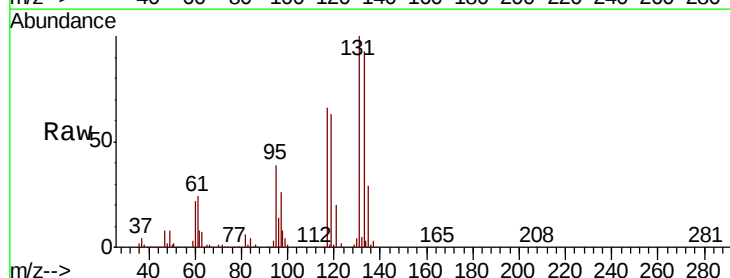
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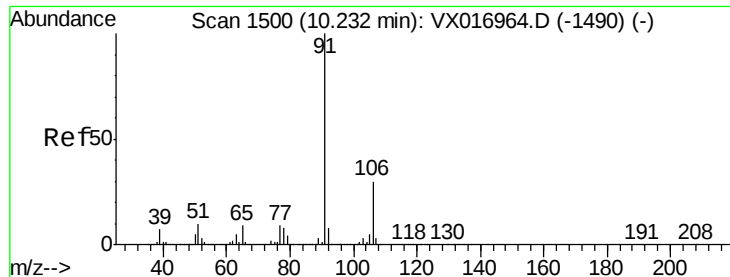
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.405 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.0	144.0
119	64.3	32.8	98.4





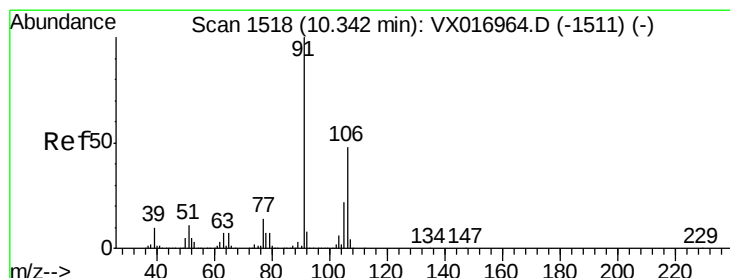
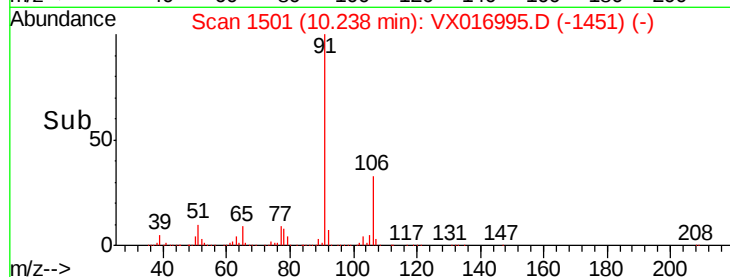
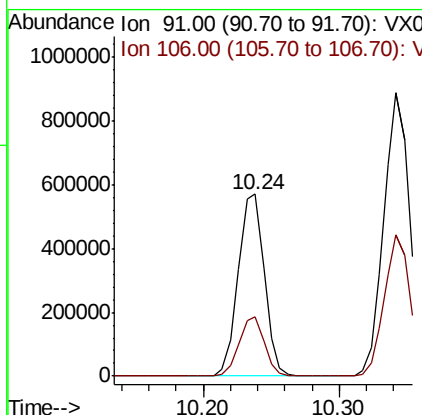
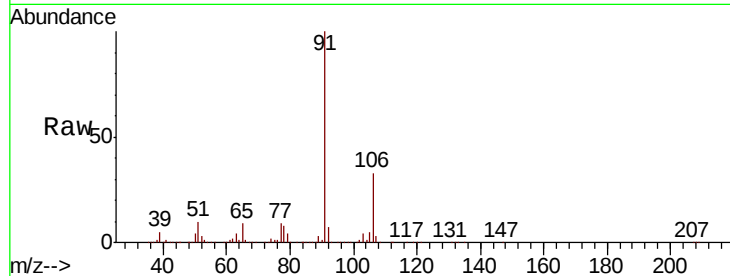
#67
Ethyl Benzene
Concen: 50.134 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 767898
Ion Ratio Lower Upper
91 100
106 32.5 24.1 36.1

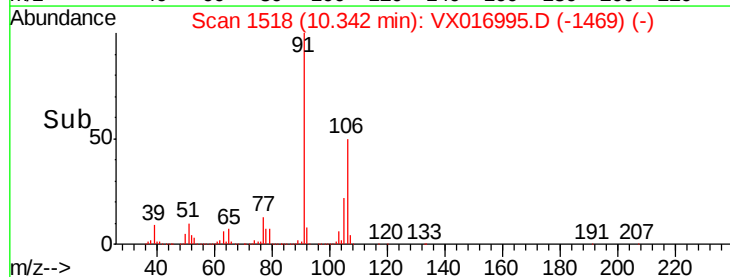
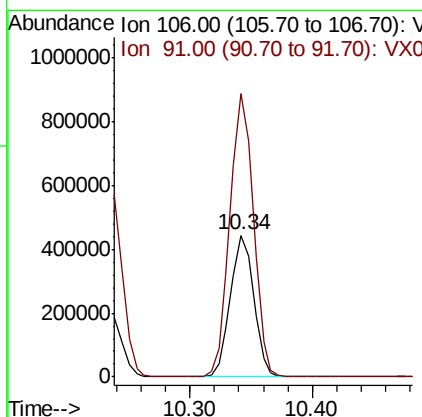
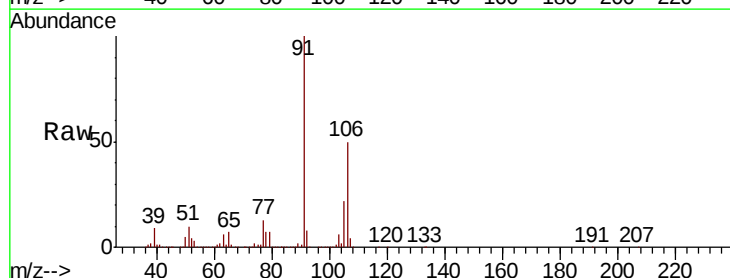
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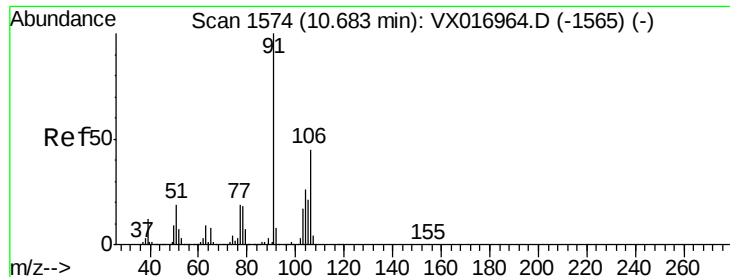
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#68
m/p-Xylenes
Concen: 103.268 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion: 106 Resp: 587637
Ion Ratio Lower Upper
106 100
91 201.5 164.1 246.1





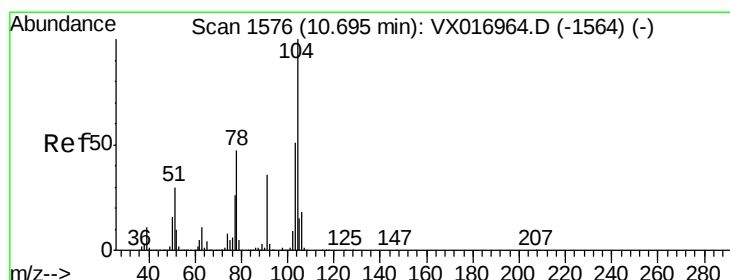
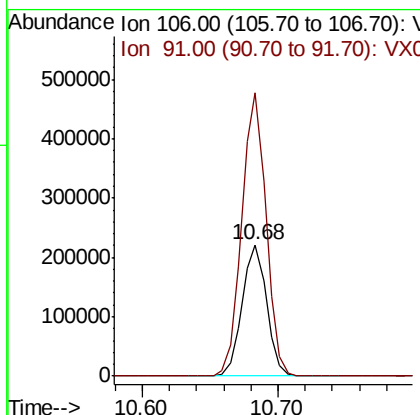
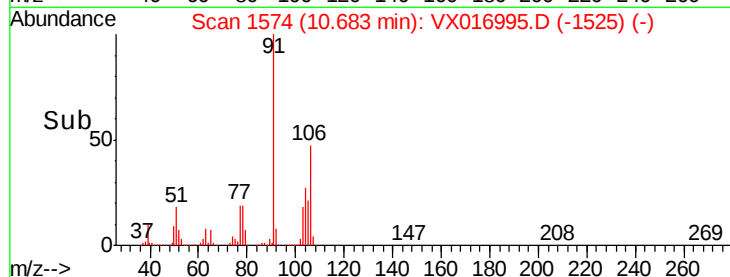
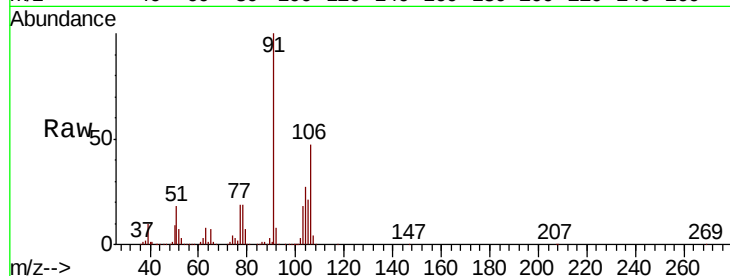
#69
o-Xylene
Concen: 51.295 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	278473		
91	91	213.6	109.1	327.2	

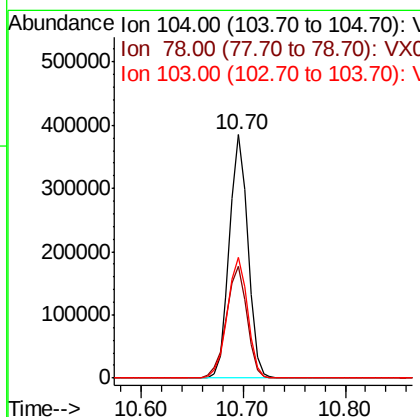
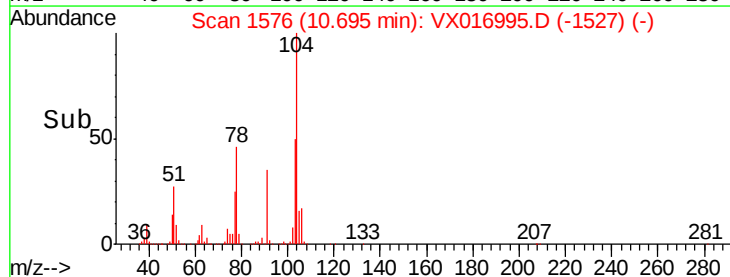
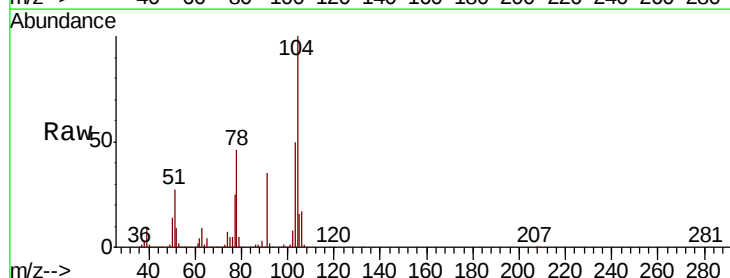
Manual Integrations
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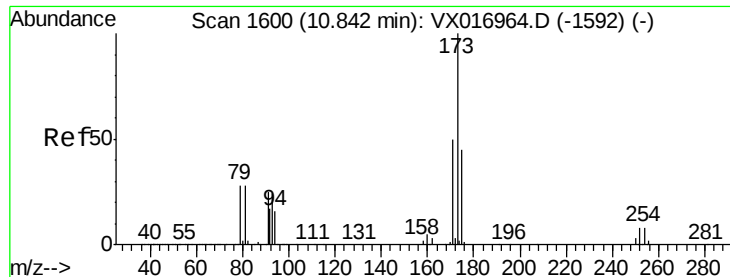
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#70
Styrene
Concen: 52.253 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	483230		
78	78	51.4	41.9	62.9	
103	103	54.3	43.9	65.9	





#71

Bromoform

Concen: 53.803 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 138724

Ion Ratio Lower Upper

173 100

175 47.2 23.4 70.2

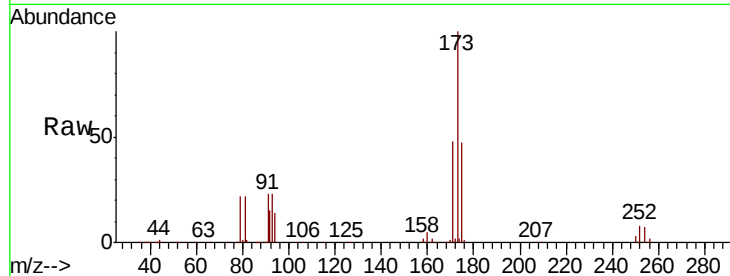
254 0.2 0.0 0.0#

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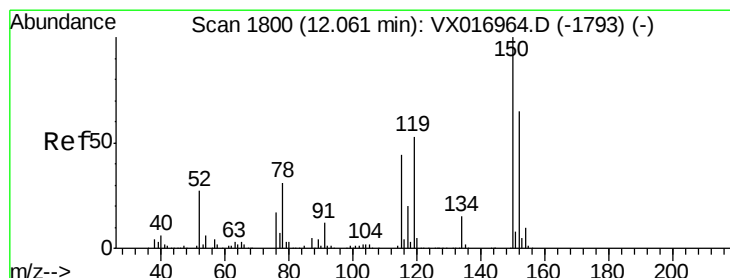
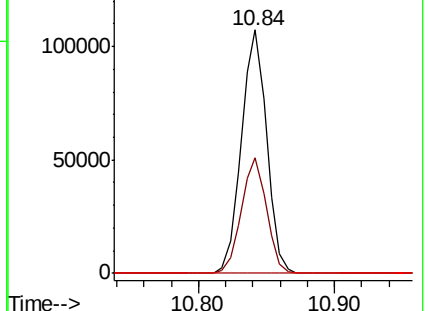
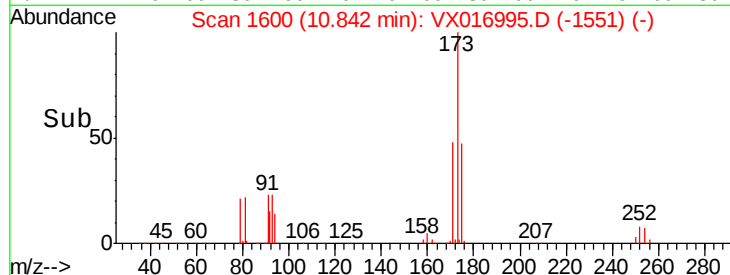
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

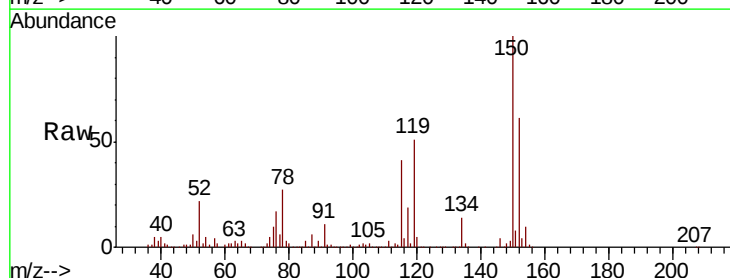
Tgt Ion:152 Resp: 220844

Ion Ratio Lower Upper

152 100

115 83.3 42.8 128.4

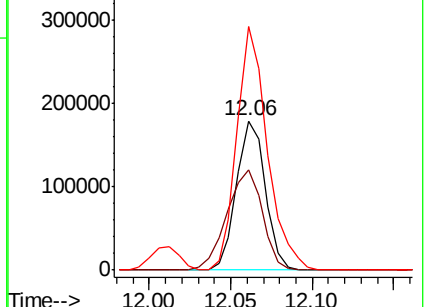
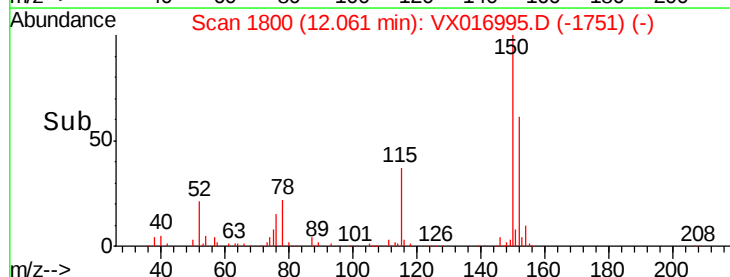
150 173.2 0.0 347.8

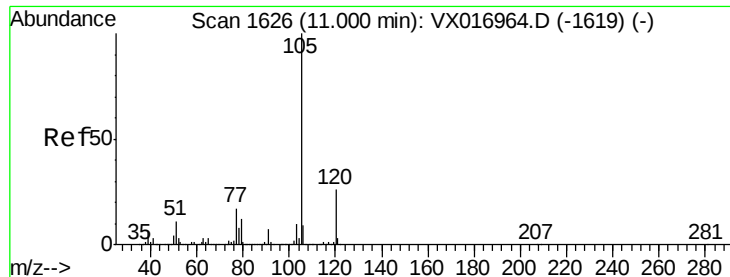


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.579 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 753879

Ion Ratio Lower Upper

105 100

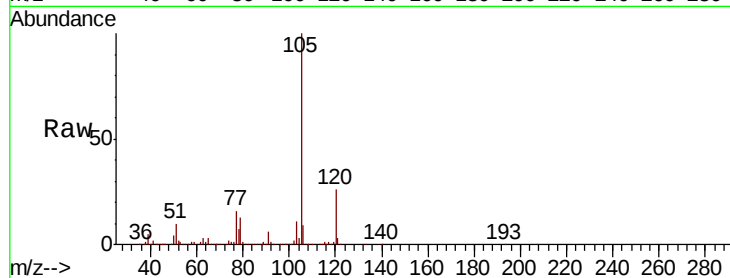
120 26.6 13.1 39.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

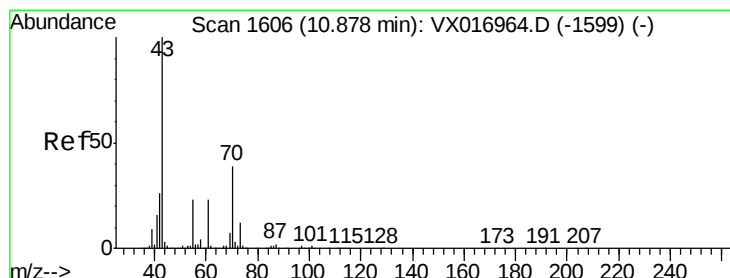
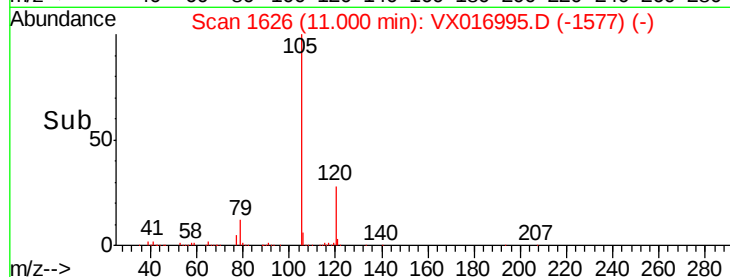
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 47.856 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Tgt Ion: 43 Resp: 343154

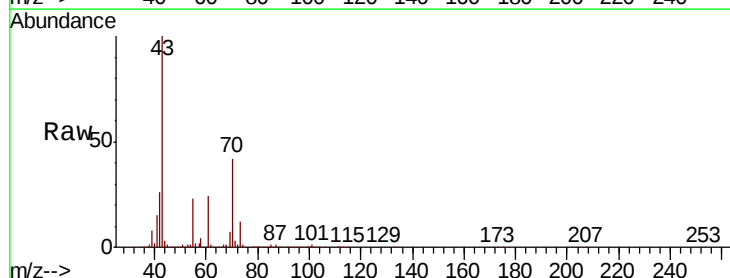
Ion Ratio Lower Upper

43 100

70 41.7 32.1 48.1

55 24.0 18.6 28.0

61 24.3 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

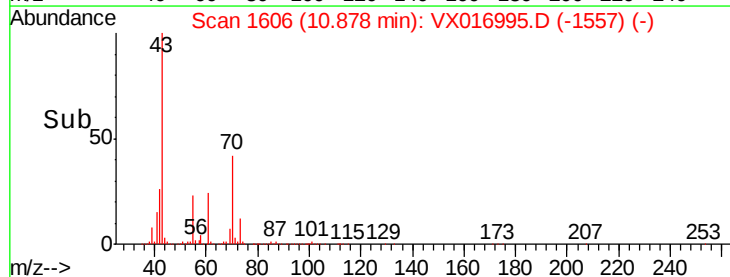
300000

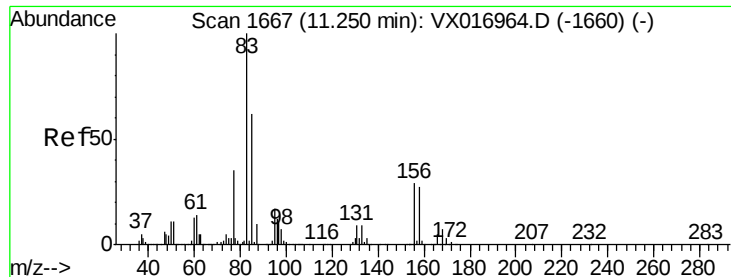
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 46.528 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

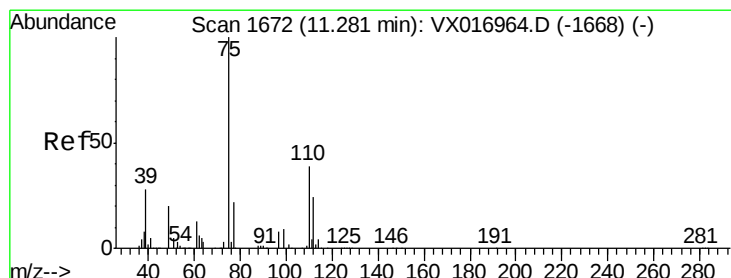
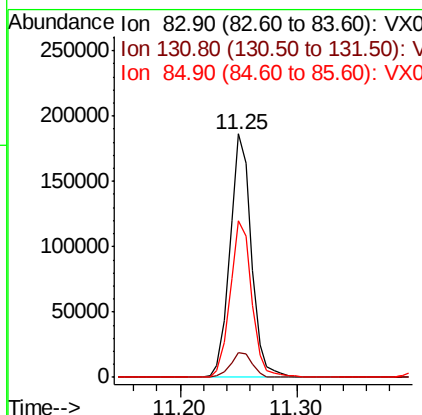
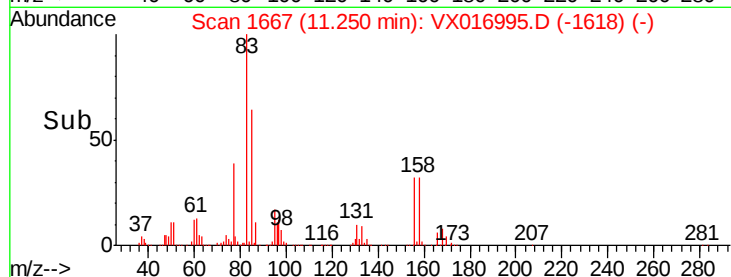
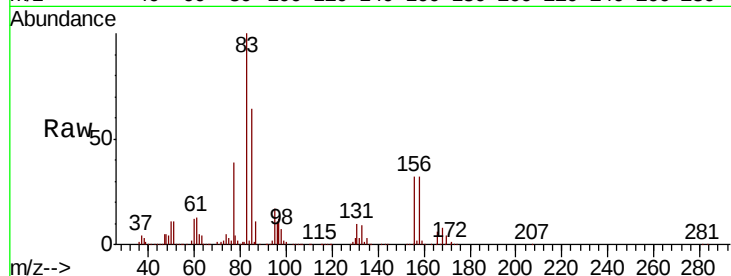
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	238087
Ion Ratio	Lower	Upper	
83	100		
131	10.6	4.9	14.7
85	65.0	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 49.467 ug/l m

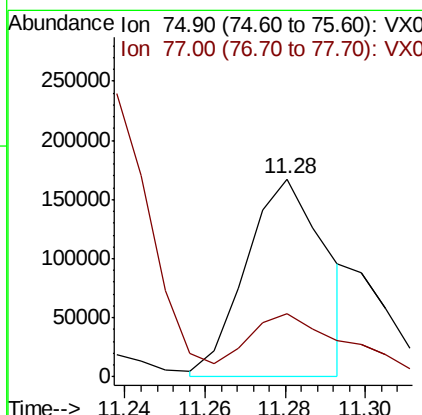
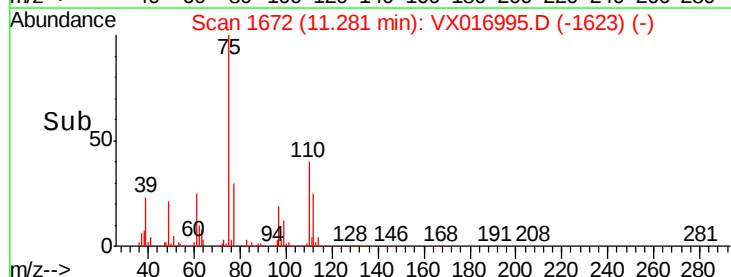
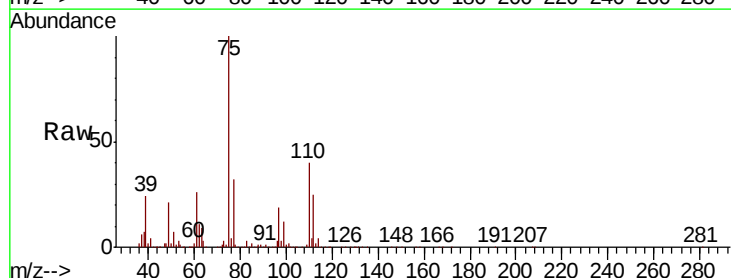
RT: 11.28 min Scan# 1672

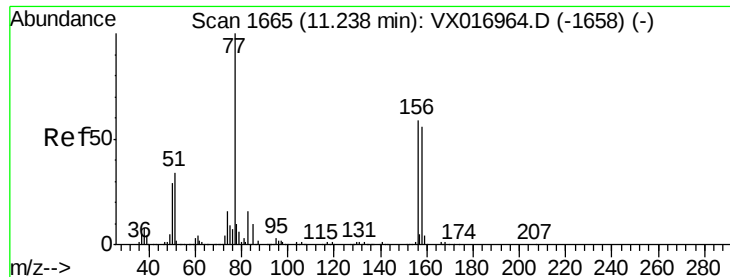
Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Tgt Ion:	75	Resp:	229264
Ion Ratio	Lower	Upper	
75	100		
77	40.1	20.3	61.0





#77

Bromobenzene

Concen: 48.632 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

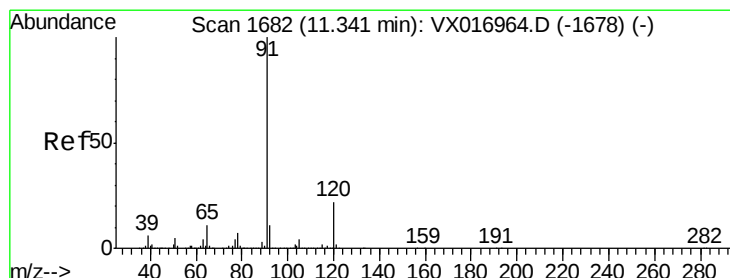
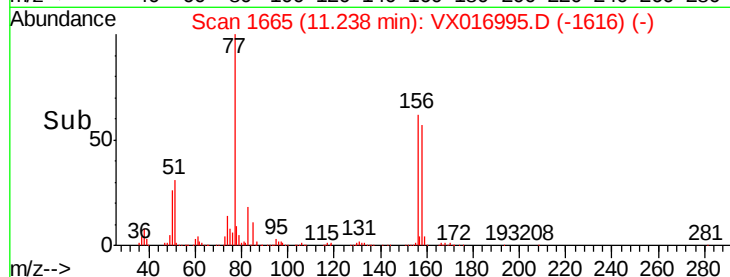
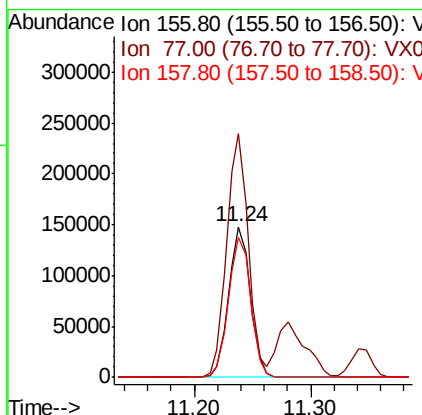
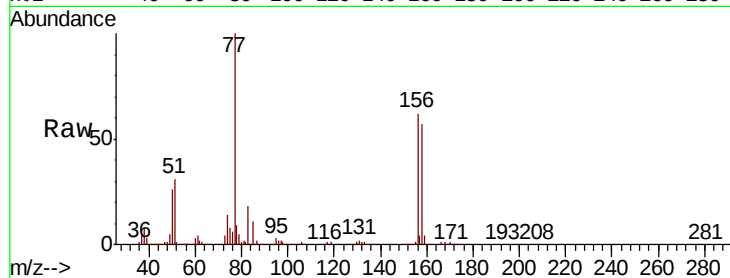
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	191723
Ion Ratio	Lower	Upper	
156	100		
77	161.6	85.2	255.6
158	95.3	48.3	144.9

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#78

n-propylbenzene

Concen: 48.323 ug/l

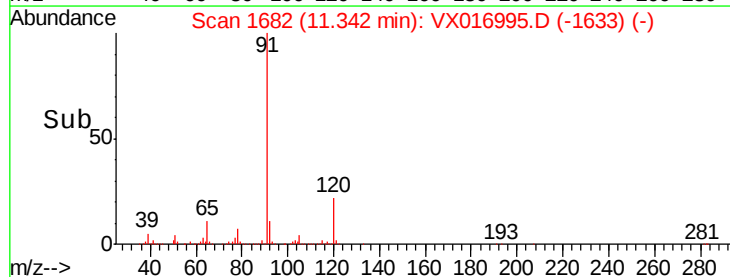
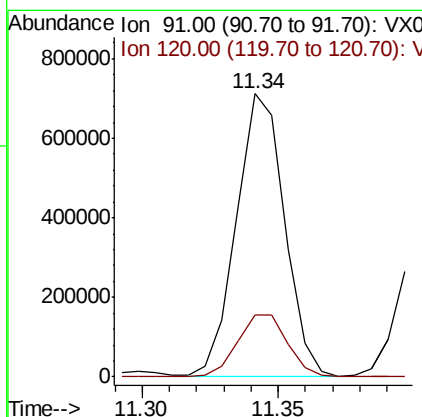
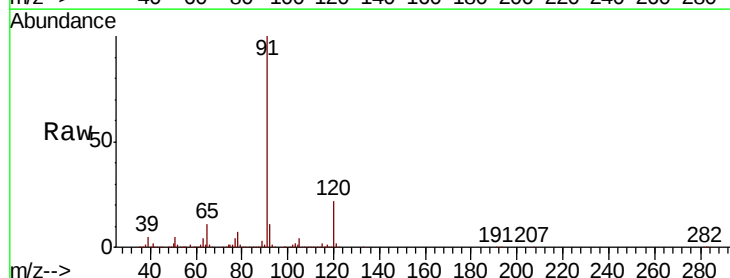
RT: 11.34 min Scan# 1682

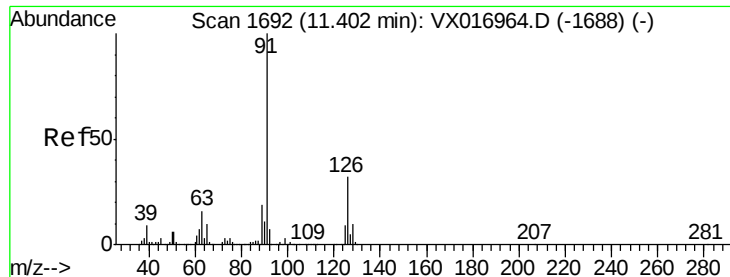
Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Tgt Ion:	91	Resp:	867259
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.3	33.8





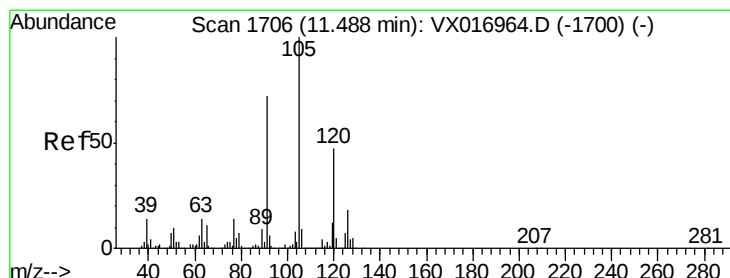
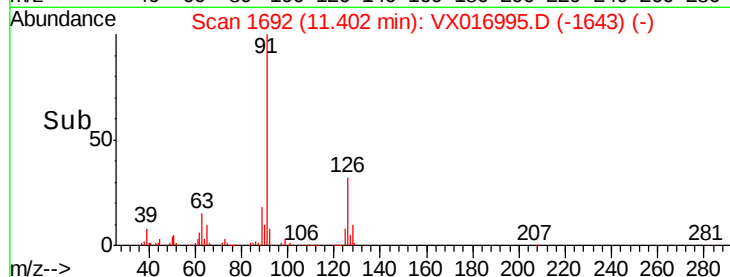
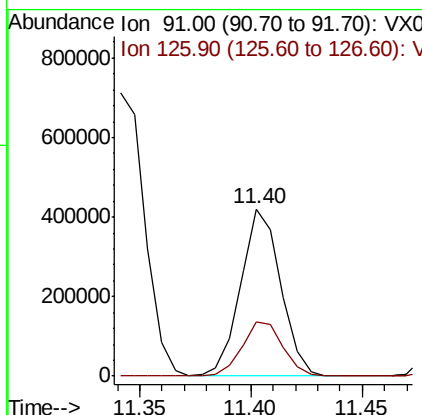
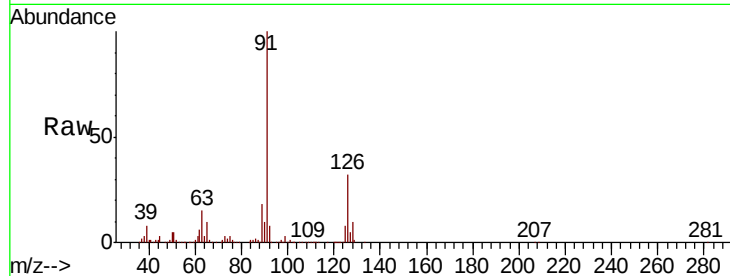
#79
 2-Chlorotoluene
 Concen: 48.537 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.6	49.8

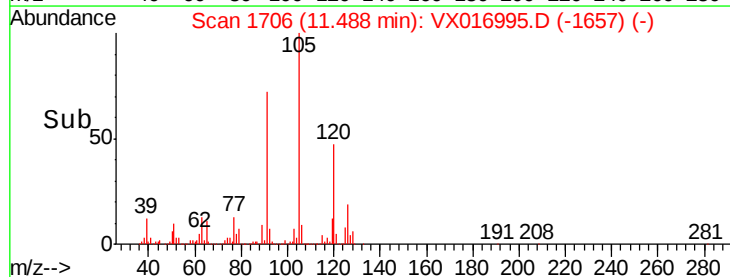
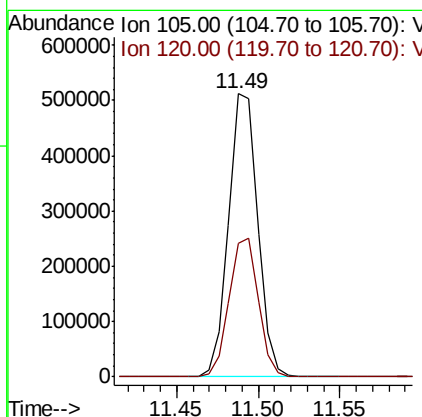
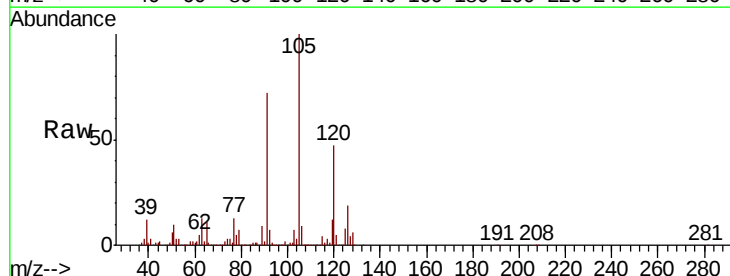
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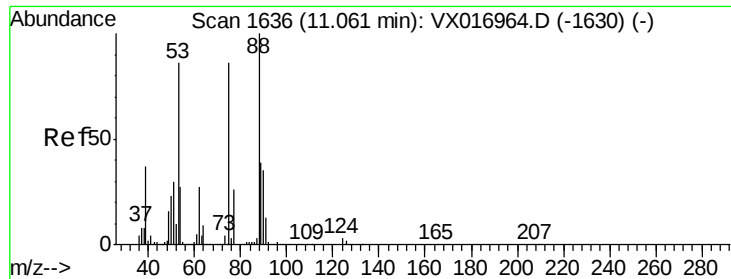
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.399 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.2	72.6





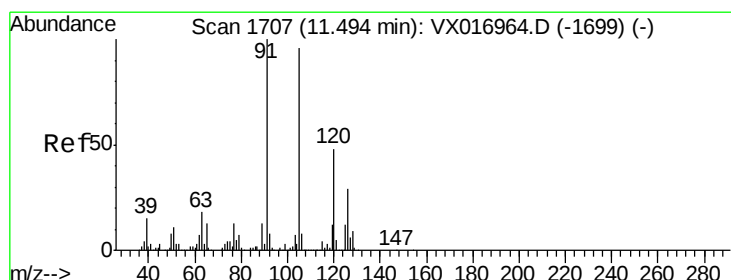
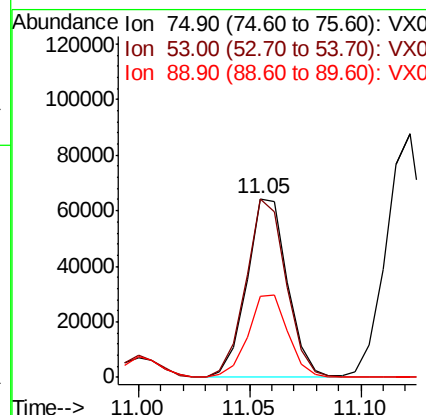
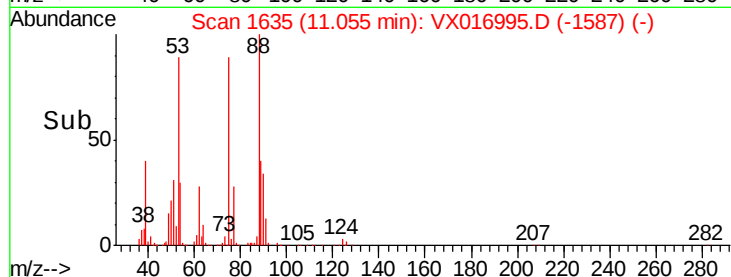
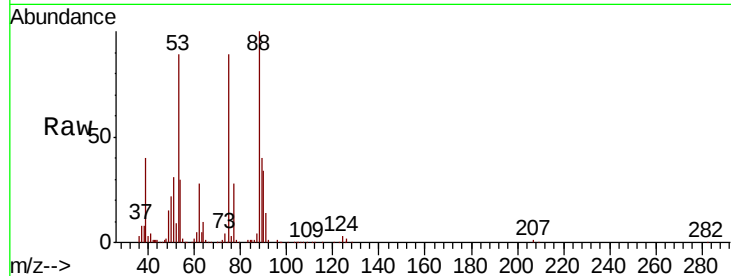
#81
trans-1,4-Dichloro-2-butene
Concen: 44.535 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.9	81.9	122.9
89	45.9	35.5	53.3

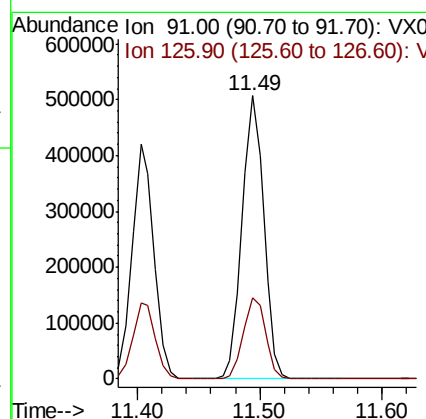
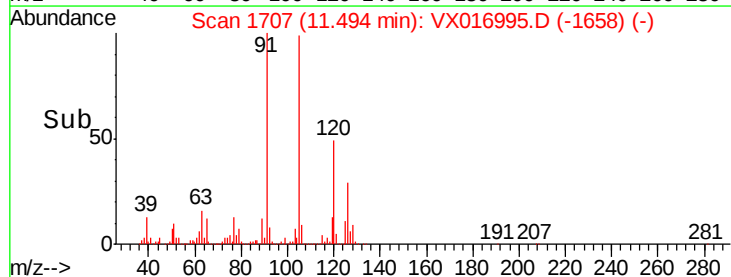
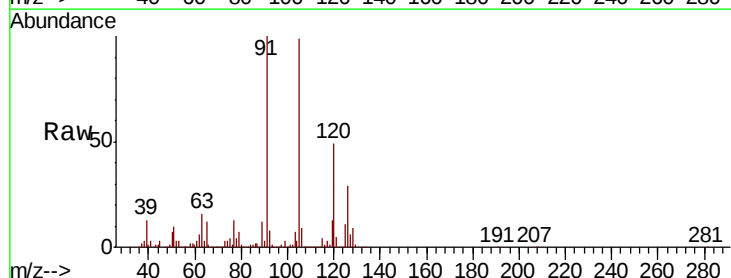
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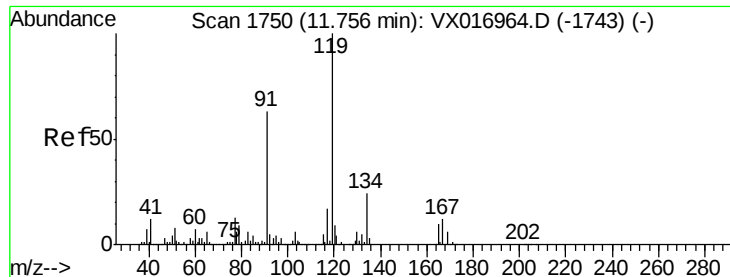
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#82
4-Chlorotoluene
Concen: 48.863 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.6	44.0





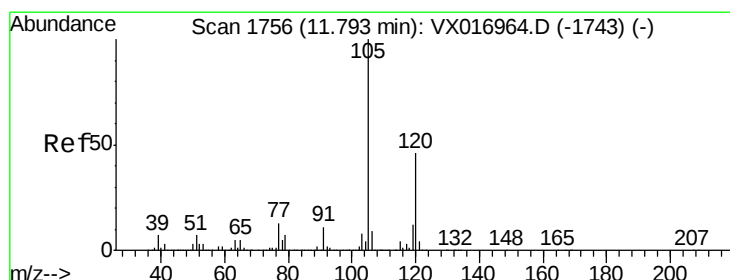
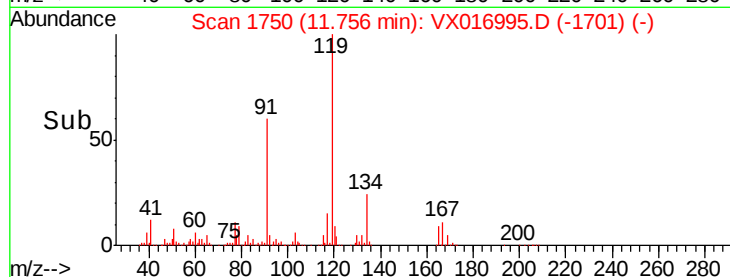
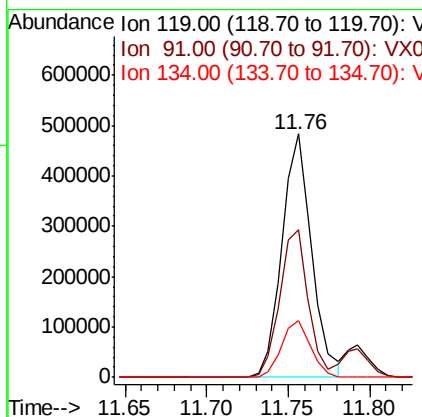
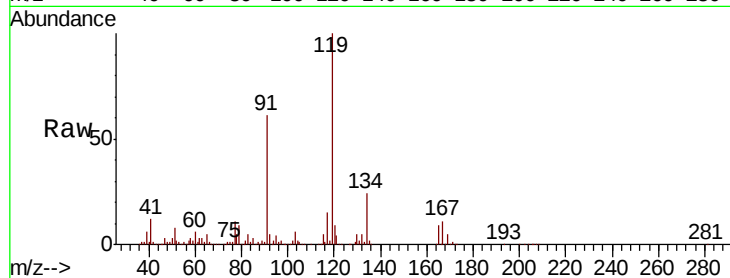
#83
tert-Butylbenzene
Concen: 49.799 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	30.0	90.0
134	23.0	11.8	35.3

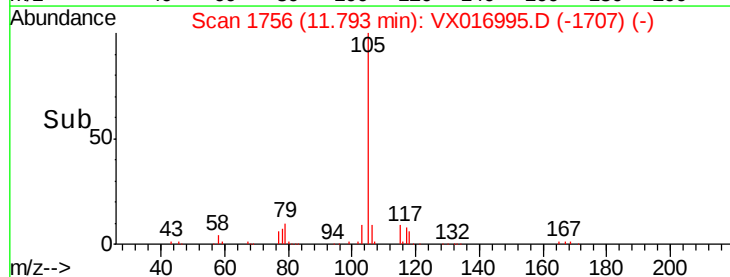
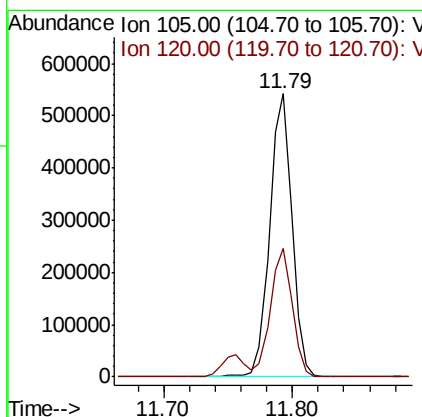
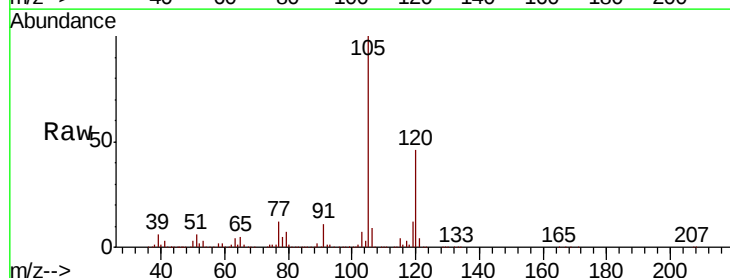
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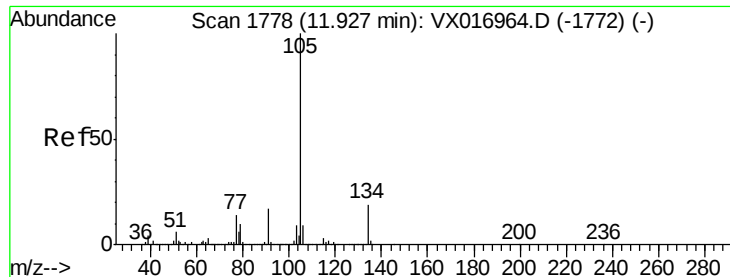
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#84
1,2,4-Trimethylbenzene
Concen: 51.209 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.3





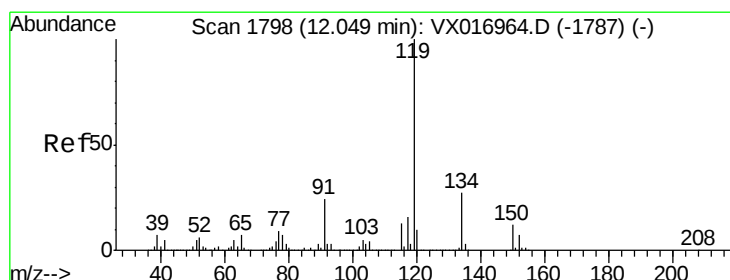
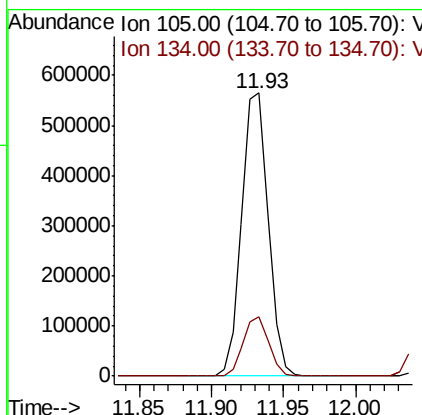
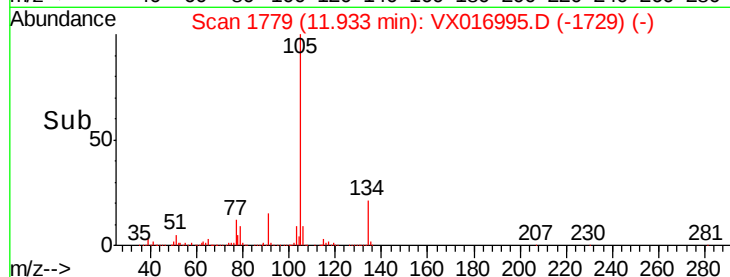
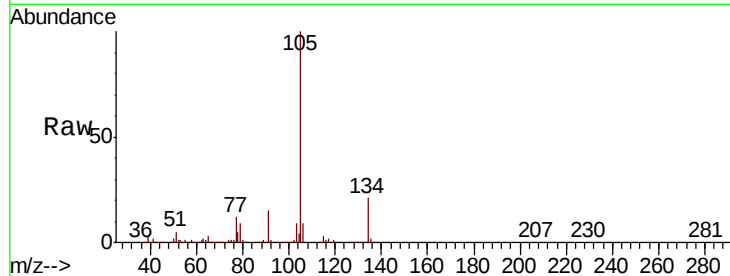
#85
 sec-Butylbenzene
 Concen: 50.275 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.1

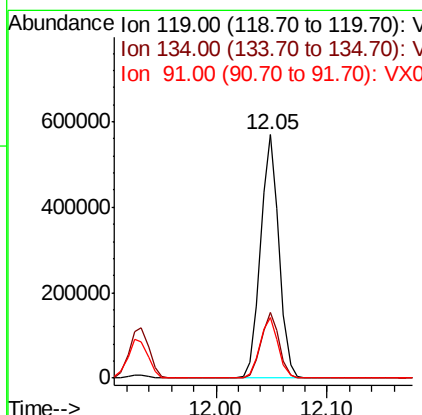
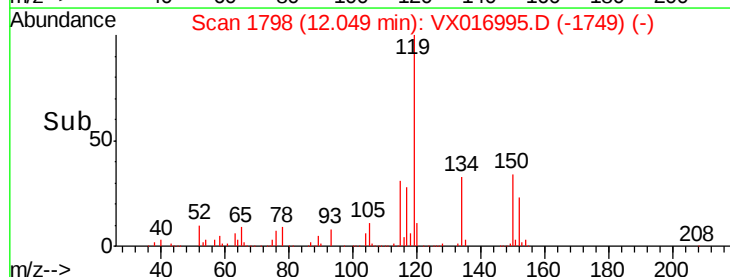
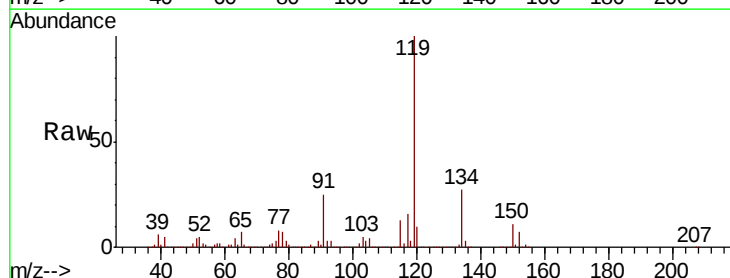
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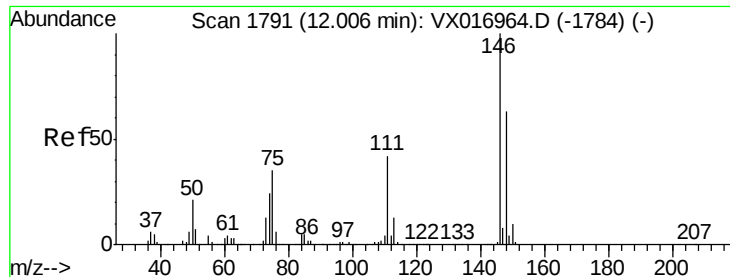
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#86
 p-Isopropyltoluene
 Concen: 50.162 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.1	39.3
91	24.6	12.4	37.4





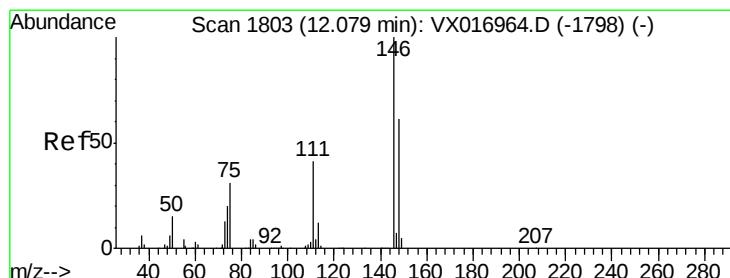
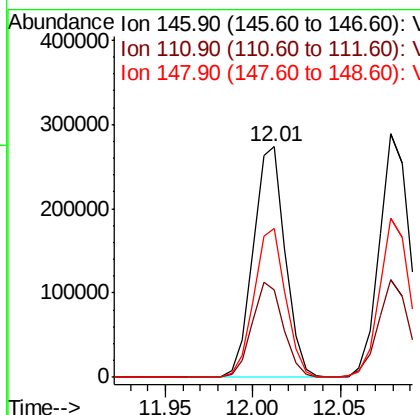
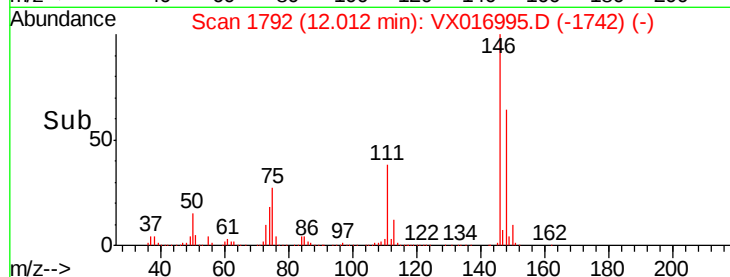
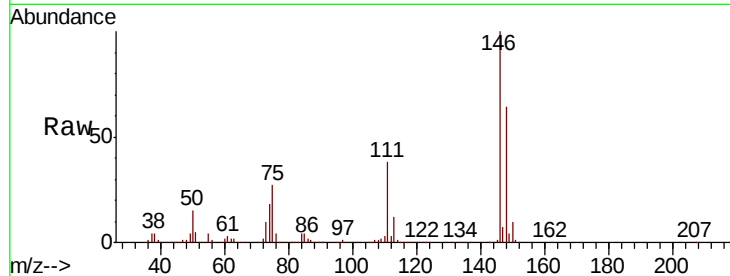
#87
 1,3-Dichlorobenzene
 Concen: 49.028 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	346917		
111	40.5	20.3	60.9	
148	64.1	32.1	96.3	

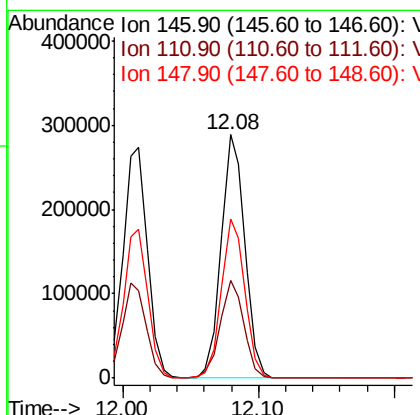
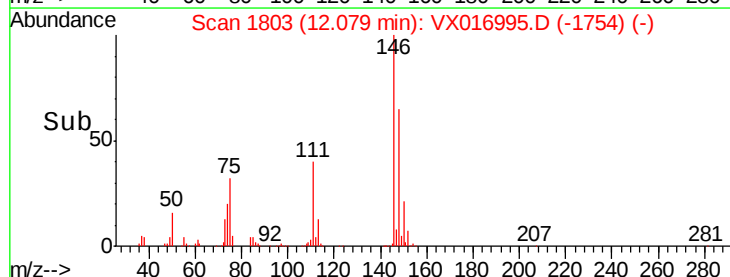
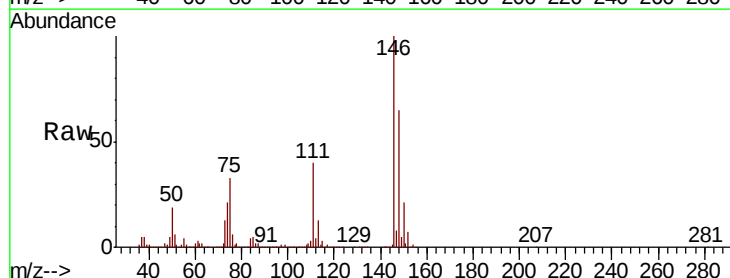
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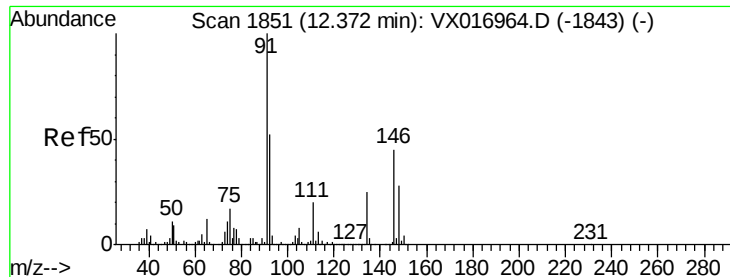
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#88
 1,4-Dichlorobenzene
 Concen: 48.104 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	347483		
111	40.1	19.9	59.7	
148	64.7	31.3	93.9	





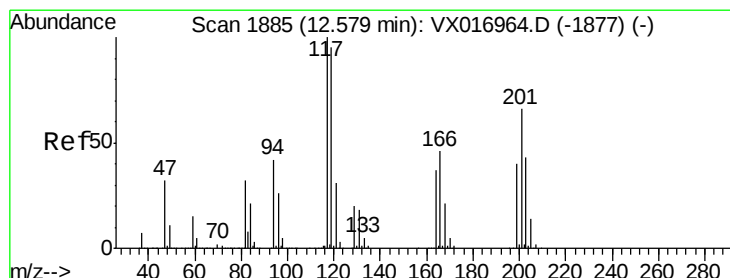
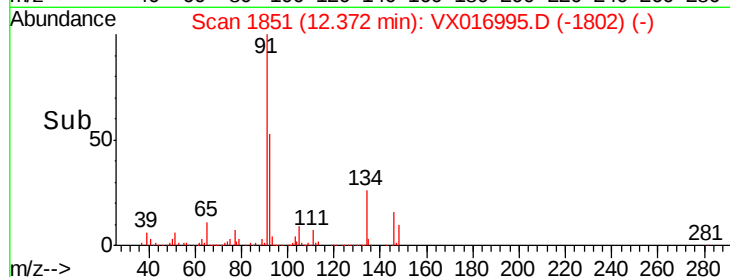
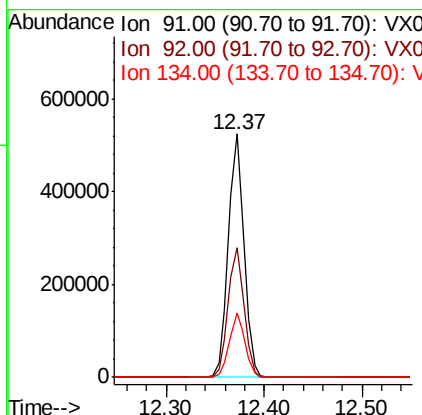
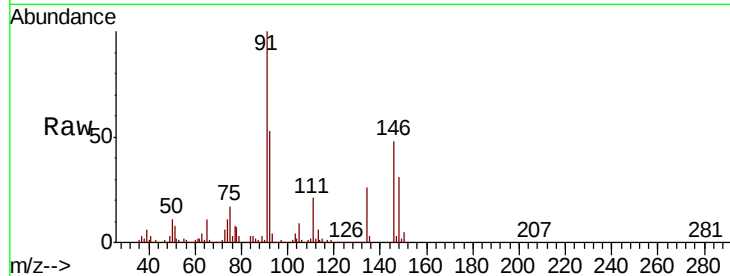
#89
n-Butylbenzene
Concen: 47.578 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.6	79.7
134	26.1	12.6	37.8

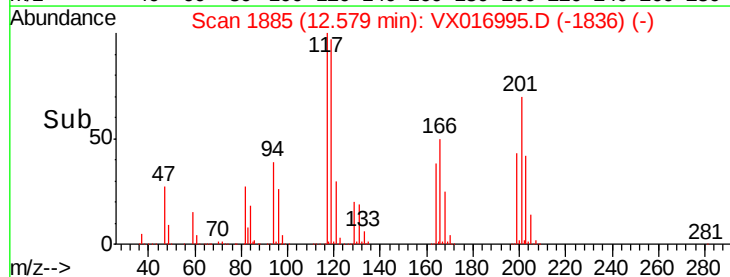
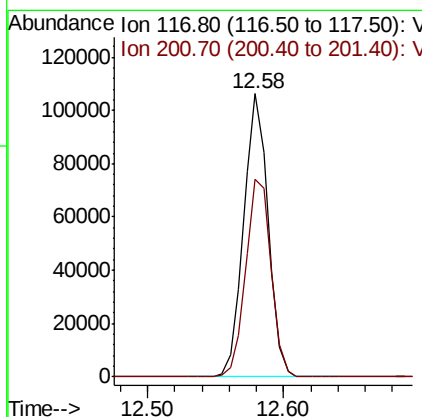
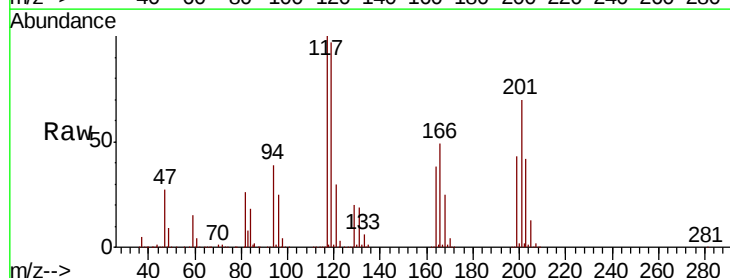
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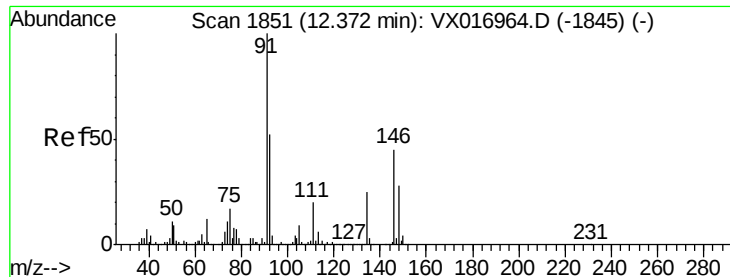
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#90
Hexachloroethane
Concen: 48.940 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016995.D
Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.6	34.0	102.0





#91

1,2-Dichlorobenzene

Concen: 49.493 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

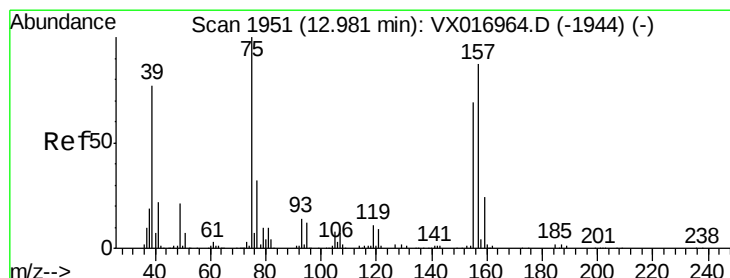
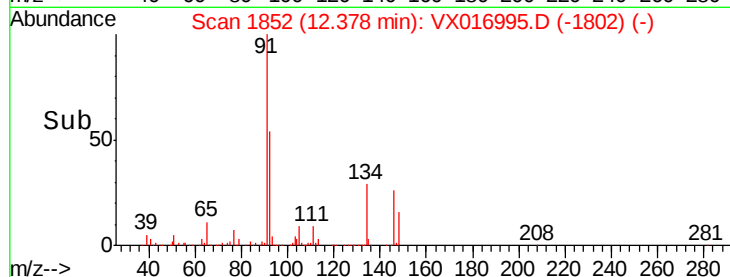
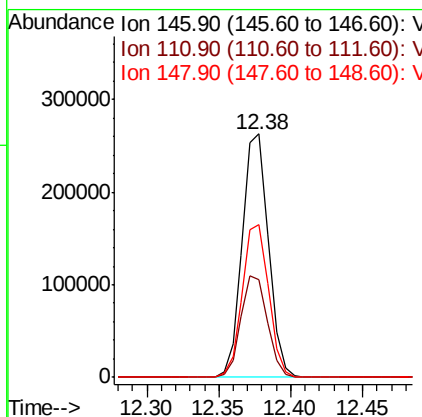
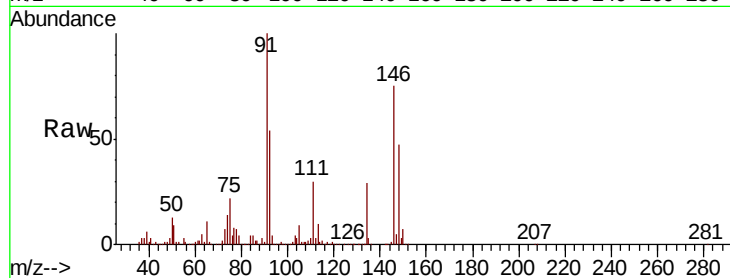
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	332018
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.6	64.6
148	63.2	31.9	95.7

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.065 ug/l

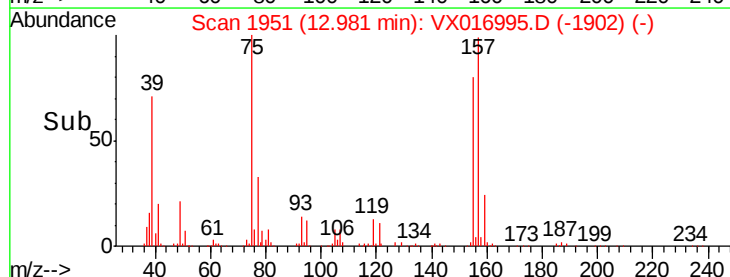
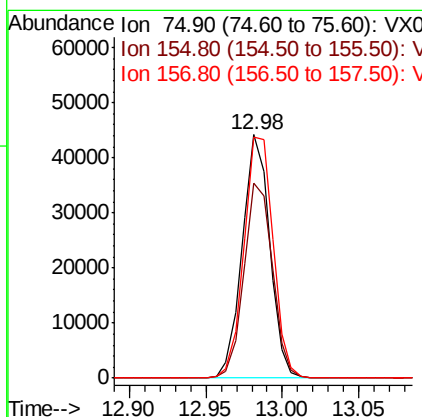
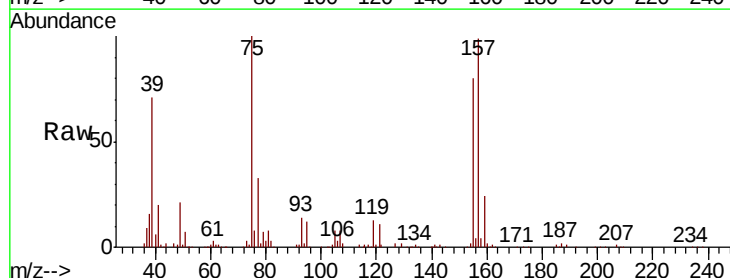
RT: 12.98 min Scan# 1951

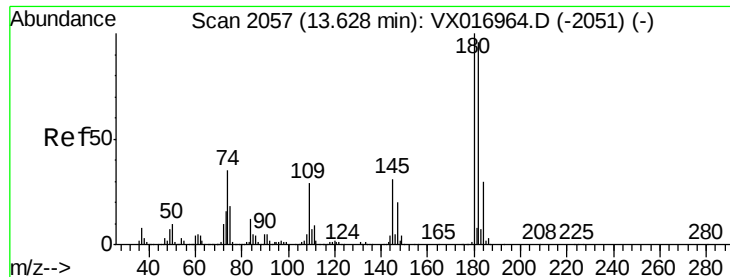
Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Tgt Ion:	75	Resp:	55109
Ion Ratio	Lower	Upper	
75	100		
155	83.1	39.0	117.0
157	105.0	50.0	150.1





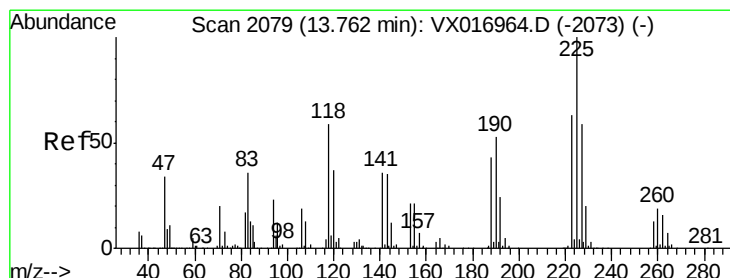
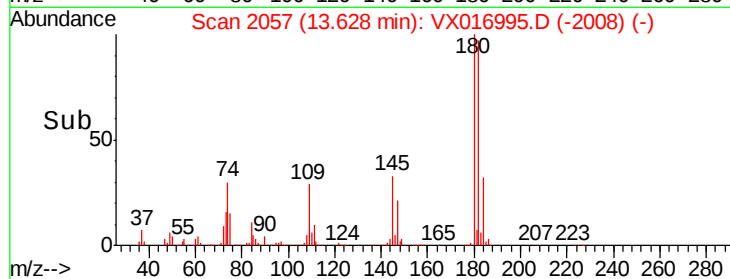
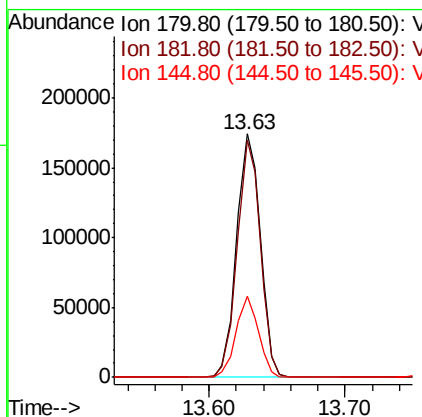
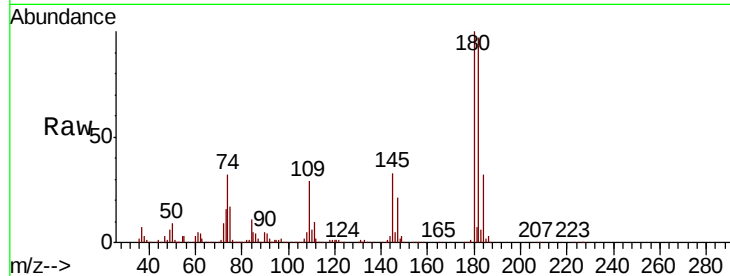
#93
 1,2,4-Trichlorobenzene
 Concen: 48.407 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	211601		
182	94.8	46.4	139.1	
145	31.5	15.5	46.5	

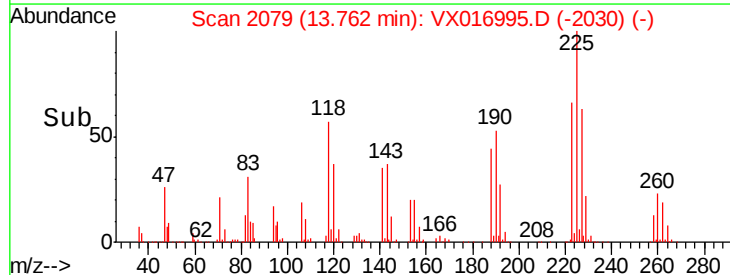
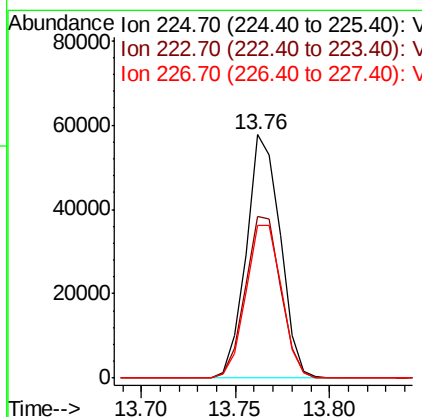
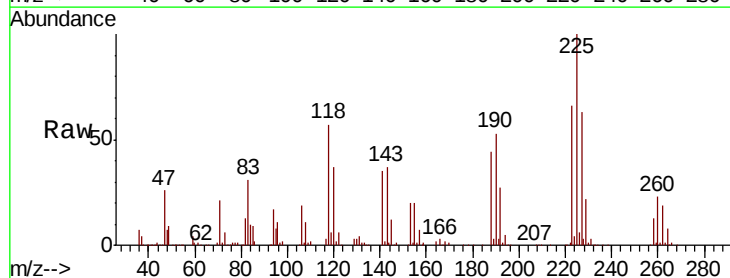
Manual Integrations
 APPROVED

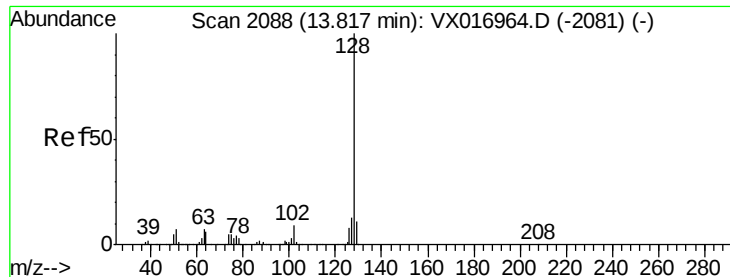
MMDadoda
 6/29/2020 12:32:46 PM



#94
 Hexachlorobutadiene
 Concen: 45.921 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX016995.D
 Acq: 26 Jun 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	72119		
223	69.0	31.1	93.2	
227	66.3	30.3	90.9	





#95

Naphthalene

Concen: 51.318 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_X

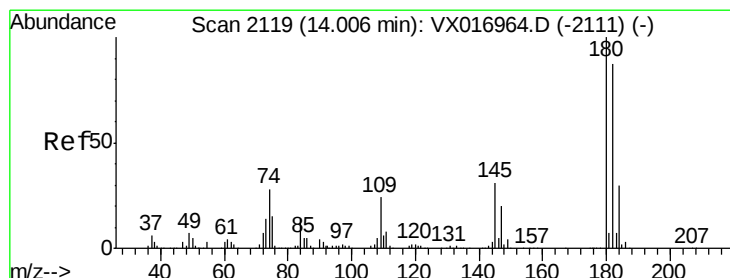
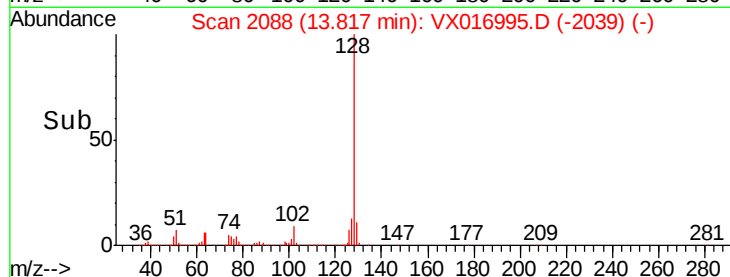
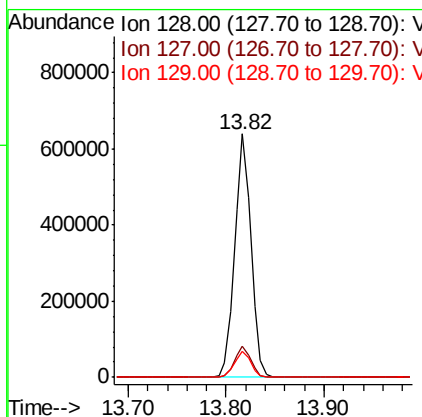
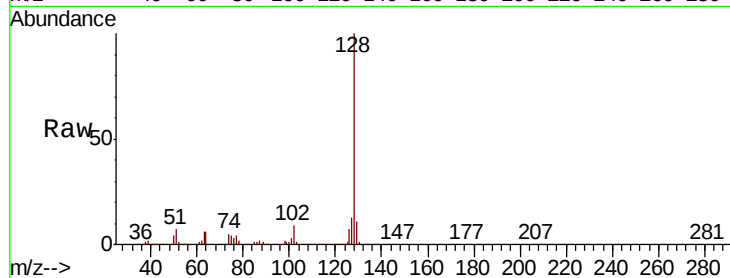
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	737192
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	15.8
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:46 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.244 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016995.D

Acq: 26 Jun 2020 19:39

Tgt Ion:	180	Resp:	210638
Ion Ratio	Lower	Upper	
180	100		
182	92.6	47.8	143.3
145	34.0	16.9	50.6

